



Government of
Saskatchewan

Annual Statistical Report 1998-99

Saskatchewan Health

Medical Services and Health Registration Branch

- . Medical Services Plan**
- . Health Registration**

Preface

This document is a statistical supplement to the Annual Report of Saskatchewan Health for the fiscal year 1998-99. It contains statistical data concerning the programs administered by the Medical Services and Health Registration Branch, including the Medical Services Plan and Health Registration.

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Highlights

- Payments by MSP under its program areas totalled \$343.1 million (see Page 6). Administration added a further \$4.9 million in expenditures (1.4% of program costs).
- MSP also made payments in 1998-99 to support the Saskatchewan Medical Association's Continuing Medical Education Fund, Rural and Remote Incentives, Emergency On-Call Program and to a dental residency program.

Medical Services Plan

- A \$5.5 million agreement was reached with the Saskatchewan Medical Association in January 1998 to provide payment to physicians for emergency coverage through the Emergency On-Call Program. The intention was to recognize the time commitment of physicians who are providing continuous, 24 hour emergency room coverage in acute care facilities or health centres in communities outside the major tertiary centres. The significant infusion of funds into this program is responsible for the increase in payments for the type of service category Special and Miscellaneous Services (Table 8).
- The number of claims received for processing in 1998-99 totalled over 8.3 million, including claims for cancer services and out-of-province beneficiaries. About 96% of claims were submitted via computer (Table 3).
- The number of beneficiaries eligible to receive services increased by about 11,600 to 1,031,933. Of this number, 85.3% received insured services during the year from a physician, 9.2% from an optometrist, and 10.0% from a chiropractor (Table 5).
- Benefits paid for insured services - provided by physicians, optometrists, chiropractors, and dentists - amounted to \$285.1 million, an increase of 4.92% on a per capita basis (Table 8).

- Total program expenditures by area were: (Table 8)

physicians	\$272,125,000
optometrists	\$3,645,000
chiropractors	\$8,045,000
dentists	\$1,278,000
- Payments for out-of-province physician services increased to \$11.4 million (Table 11) up 2.40%. Out-of-province hospital payments totalled \$26 million.
- The overall number of active physicians in Saskatchewan increased at year end to 1,158 from 1,131 in 1997-98. Metro (Regina and Saskatoon) general practitioners increased by 8 (to 343), other urban general practitioners increased by 4 (to 148), and rural general practitioners increased by 16 (to 216); specialists decreased by 1 (to 451).
- Active chiropractors decreased by 7 (to 93) while active optometrists increased by 3 to 29. These numbers remain low due to program changes in 1992 which influenced practitioners' ability to bill the plan, and do not represent the number of chiropractors and optometrists practising in the province (see Table 19).
- Average payments to active practitioners (Table 25):

General Practitioners	\$184,500	up 4.53%
Specialists	270,200	up 4.40%
All Physicians	217,900	up 3.77%
Optometrists	56,400	up 7.43%
Chiropractors	68,200	down 1.59%

(Note that the infusion of funds into the Emergency On-Call Program may not provide accurate year over year comparison for General Practitioners, particularly outside the metro areas of Regina and Saskatoon.)

- The fiscal year 1996-97 included an extra pay run in which two additional weeks of claims had actually been processed in comparison to any previous and following years depicted in this report. These two additional weeks of processed claims may not provide accurate year over year comparisons.

• The number of projects and districts involved in alternate payment arrangements managed through MSP has increased each year since 1993-94. Payments in 1998-99 were \$8.7 million, up 32% compared to 1997-98. The portfolio of contracts is diverse and includes both General Practitioners and specialists such as Intensivists, Obstetricians and General Surgeons. In 1998-99 45% of the active contracts were for general practitioner services and 55% for specialist services. Other groups of physicians who derive the majority of their income from mechanisms other than fee-for-service are physicians funded through district budgets, Community Clinic physicians and the College of Medicine. When combined, total expenditures for all of these physicians in 1998-99 was approximately \$84.8 million and comprised over 15% of physicians in the province.

- Other alternate payment key initiatives include:
 - support for educational activities at the College of Medicine by the Department through the Clinical Services Fund with expenditures of \$18.4 million in 1998-99. Staff assisted in facilitating a comprehensive review of the College of Medicine (completed in 1998) and are active in the ongoing work to develop effective strategies necessary to sustain a strong and viable College in the province.
 - the licensing of approximately 400 laboratories under the Medical Laboratory Licensing Act. The Laboratory Licensing Program ensures that laboratory testing conducted throughout the province meets established standards.

Health Registration

- Through the health registration process, a central registry of all Saskatchewan residents eligible for provincial health benefits is maintained. A provincial health services card with a unique health services number is issued to ensure that only eligible Saskatchewan residents receive insured health benefits.
- Health Registration information (population as at June 30, 1997 and June 30, 1998):

	<u>1997-98</u>	<u>1998-99</u>
Covered population	1,020,351	1,031,933
New family registrations	18,433	14,518
Family address changes	112,628	105,012
All beneficiary changes	331,059	403,124
Health services		
cards issued	124,009	107,612
Telephone calls		
processed	159,395	145,773
Clients served at		
the counter	not available	15,344

Medical Services and Health Registration Branch 1998-99 Expenditures

Medical Services Plan

In-Province	\$280,809,000
Physicians - Fee-for-service	\$259,736,000
Physicians - Alternate Payments	10,372,000
Chiropractors	6,464,000
Optometrists	2,954,000
Dentists	1,284,000
 Out-of-Province (including Hospital)	 40,967,000
Rural Incentives/Continuing	
Medical Education	2,842,000
Medical Education System -	
Clinical Services Fund	18,369,000
Dental Residency Grant	71,000
Administration	4,913,000
 Total Expenditures	 \$347,971,000

Notes:

1. There is a difference between Medical Services Plan payments shown above and the total payments shown in the statistical tables. The difference is due to accounting adjustments (e.g. accrual accounting; the handling of payments to and from other provinces for claims processed under the reciprocal billing arrangement); certain recoveries; adjustments for retroactive payments; the handling of claims for medical and optometric services provided in community clinics, which are included in the statistical tables as if paid on a fee-for-service basis, but actually funded on a global basis through District Management Services Branch; and, the handling of claims for medical services provided in other alternate payment projects. For statistical purposes, combined chiropractic and optometric data for services paid under both the Medical Services Plan and the Supplementary Health Program is reported in this document.
2. Medical Services Plan Out-of-Province payments include physician, chiropractic, optometric, dental and hospital services.

Medical Services Plan

The Medical Services Plan provides insurance coverage to Saskatchewan residents for a wide range of services provided by physicians, chiropractors, and optometrists, as well as a limited range of services provided by dentists.

All residents of Saskatchewan, with a few exceptions (members of the Canadian Armed Forces, RCMP, inmates of Federal Penitentiaries) are eligible to receive benefits, with the sole requirement being Plan registration. No premiums are levied.

Subject to the exclusions detailed later in this section, the following services are insured:

Physician Services

Medical Services - The diagnosis and treatment by a physician of all medical disabilities and conditions.

Surgical Services - Surgical procedures by a physician including diagnosis, pre- and post-operative care and the services of physician surgical assistants when required.

Maternity Services - Care during pregnancy and delivery, and after care of the mother and child by a physician.

Anaesthesia - The administration of anaesthesia by a physician including:

- anaesthesia for diagnostic, surgical and other procedures
- obstetrical anaesthesia
- anaesthesia for pain management
- all dental anaesthesia for patients under 14 years.

Diagnostic Services - In Hospital

- diagnostic services other than x-ray or laboratory services and the technical portion of services involving a tracing.

Diagnostic Services - Out of Hospital

- x-ray services, including interpretations, provided by a specialist in radiology. Coverage under the Medical Services Plan for breast screening mammographies for women 50 to 69 years of age was discontinued effective August 1, 1993. Full coverage is available through the provincial Screening Program for Breast Cancer.
- an approved list of laboratory services provided by a physician other than a pathologist.
- other diagnostic services provided by a physician.

Preventive Medical Services - Immunization services where not available through any government or municipal agency; examination and report for adoptions for both child and parents; examination and report for persons becoming foster parents; a routine physical examination by a physician but not including an examination for the purpose of insurance, employment, vehicle seatbelt exemptions or at the request of a third party.

Cancer Services - Services for the diagnosis and treatment of cancer, except when provided by physicians under contract with a Saskatchewan Cancer Clinic, are now insured services with the Medical Services and Health Registration Branch as of July 1997. Prior to July 1997, the Branch acted as a paying agent for the Cancer Foundation.

Optometric Services

Effective June 1, 1992 coverage for optometric services became limited to the following four categories of persons:

- those under the age of 18;
- Supplementary Health Program beneficiaries;
- recipients of Family Health Benefits Program;
- seniors (age 65+) receiving a Saskatchewan Income Plan supplement.

The services covered include routine eye examinations, partial examinations and tonometry (for persons 40 years of age and over).

The frequency of routine examinations to determine refractive error is limited to one in any 24 month period for beneficiaries aged 18 to 64. Beneficiaries of all other ages are eligible for a routine eye examination once every 12 months.

Dental Services

Services in connection with maxillo-facial surgery required to treat a condition caused by an accident.

Certain services in connection with abnormalities of the mouth and surrounding structures.

Services for the orthodontic care of cleft palate upon referral to a dentist by a physician or another dentist.

Certain x-ray services when provided by a dentist who is a specialist in oral radiology.

Extraction of teeth medically required for the provision of:

- heart surgery,
- services for chronic renal disease, or
- services for total joint replacement by prosthesis where the beneficiary was referred to a dentist by a specialist in the surgical field and where prior approval of the MSP is received.

Chiropractic Services

Chiropractic visit and x-ray services with no limits. Effective September 8, 1992 the chiropractic program changed to a co-payment system for visit services. The system continues to provide for a government payment to be made to chiropractors for each visit service provided.

Chiropractors are also allowed to charge beneficiaries an additional amount beyond the amount of government payment. Supplementary Health Program beneficiaries, recipients of Family Health Benefits Program, and seniors (age 65+) receiving a Saskatchewan Income Plan supplement remain fully insured for chiropractic services.

Out-of-Province Services

Most services insured in Saskatchewan are insured outside the province, but within Canada.

Services provided by physicians in other provinces except Quebec are covered by a reciprocal billing arrangement. Saskatchewan beneficiaries are not normally billed for insured physician services provided in other provinces except for certain services excluded from the reciprocal billing arrangement. In most cases, physicians bill the provincial health plan of the provinces in which the services are provided. The host plan then bills the home province of the patient for the services provided.

Cataract surgery and magnetic resonance imaging (MRI) provided outside of the province are only insured with prior approval from Saskatchewan Health.

Non-emergency services provided outside of Canada are only insured with prior approval from Saskatchewan Health.

Hospital services provided to Saskatchewan beneficiaries in other provinces are covered by a reciprocal billing agreement. The hospital bills the provincial health plan of the province in which services are provided. The host plan then bills the home province of the patient for the services provided.

Emergency hospital services provided outside of Canada are covered on the following basis: \$100 (Canadian) per day for in-patient services; \$50 (Canadian) for an out-patient visit. Non-emergency hospital services provided outside Canada are covered only if prior approval has been obtained from Saskatchewan Health.

Similar prior approval provisions exist for coverage of hospital services provided outside the province in respect of cataract surgery and MRI's, as noted above for physicians.

Exclusions

The following services are not insured:

- health services received under other public programs including: The Saskatchewan Hospitalization Act, The Workers' Compensation Act, federal Department of Veteran Affairs, The Mental Health Act.
- Laboratory services, including interpretations, provided by a specialist in pathology. Effective October 1, 1993 responsibility for the delivery of these laboratory services was transferred to District Health Boards.
- travelling
- advice by telephone except when provided to a district home care worker
- surgery for cosmetic purposes
- any mental or physical examination for the purpose of employment, insurance, judicial proceedings, vehicle seatbelt exemptions or at the request of a third party
- autopsy
- ambulance services and other forms of transportation of patients
- services provided by special duty nurses
- services provided by chiropodists, podiatrists, naturopaths or osteopaths
- dentistry, except as described under Insured Services
 - Dental Services
 - drugs and dressings
 - appliances (e.g. eyeglasses, artificial limbs)
- routine eye examinations by physicians are limited in coverage to those beneficiaries who would be covered under the optometric program
- effective January 1, 1993 the following specific services were de-insured under the Medical Care Insurance Act:
 - electroysis
 - dental anaesthesia provided in conjunction with an insured service where the patient is 14 years or over
 - reversals of sterilization
 - implantation of penile prosthesis

- effective August 1, 1993 the following services were totally or partially de-insured under the Medical Care Insurance Act:
 - thermal ablation of obviously benign skin lesions
 - injection of asymptomatic varicose veins
- effective August 1, 1996 non-medically necessary circumcisions for newborns were de-insured.

Methods of Payment

The Medical Services Plan makes payment for insured services by the following methods:

- fee-for-service billing by practitioners based on negotiated fee schedules
- population-based funding, adjusted by age, gender and geographic area, for general practitioner services provided to clients who primarily seek their health care from a single physician clinic
- salary, contractual or sessional payment arrangements funded through District Health Boards.

A global system of payment for the operation of four community clinics is provided by District Management Services Branch.

Practitioners may choose to practise entirely outside the Medical Services Plan, in which case the services provided by that practitioner are uninsured.

Professional Review

Joint Professional Review Committees have been formed with the various professional associations and licensing bodies to evaluate the billing and practice patterns of practitioners. These Committees are empowered to make monetary reassessments and levy fines of up to \$50,000.

Alternate Payments and Resource Planning Unit

The **Alternate Payments and Resource Planning Unit** was established in 1992 as a result of growing interest in exploring alternative forms of remuneration for physician services. Since that time, a number of other areas such as the Clinical Services Fund (College of Medicine, University of Saskatchewan), the Emergency Room Coverage and provincial laboratory licensing have been included in the activities of the Unit.

Alternate methods of compensating physicians for services are designed to:

- provide physicians with the flexibility to develop programs and deliver services that meet the needs of their patients, including initiatives such as health promotion and other educational activities
- encourage physicians to work as members of multi-disciplinary health teams without experiencing loss of income.

Funding levels for alternate payment projects are determined based on a number of factors including the population served, service need, and ongoing viability and sustainability of the service.

Alternate payment arrangements for general practitioner services are closely linked with the Department's Primary Health Services initiative. Physicians and districts considering alternate payment arrangements are encouraged to explore the opportunities and benefits of this approach in the delivery of health services.

Statistical Figures and Tables

Introductory Notes

General - The following tables are based upon Medical Services Plan payments made during 1998-99 for medical, optometric, chiropractic and dental services provided to Plan beneficiaries as outlined in Table 4.

A global system of payment for medical and optometric services is used for four community clinics in the province, however, services are recorded on the same basis as fee-for-service items. Most alternate payment projects have their services recorded on the same basis as fee-for-service items.

The statistical tables include data on treatment services for sexually transmitted diseases for 1998-99. However, this STD data is excluded in previous years when MSP acted as paying agent for the Provincial Laboratory Branch.

Most tables include data, where noted, on services provided to Saskatchewan residents by practitioners outside the province. Table 12 is the only table which includes payments to Saskatchewan physicians for services provided to beneficiaries of other provinces or territories. Tables 13 and 14 are the only tables which show data related to out-of-province hospital services.

Service groupings are based on national (Canadian Institute for Health Information) grouping classifications.

Beneficiaries - Beneficiary information, such as the age-sex structure, is based upon records maintained by the Health Registration Branch.

Date of Payment - Statistics are based upon the date a service was paid, as opposed to the date the service was provided. Statistics for the fiscal year 1998-99 include some services rendered in 1997-98.

Payment Adjustments - The difference between Medical Services Plan payments shown in the Statement of Expenditures, page 6, and the total payments shown in the statistical tables is due to accounting adjustments (e.g. accrual accounting; the handling of payments to and from other provinces for claims processed under the reciprocal billing arrangement); certain recoveries; adjustments for retroactive payments; the handling of medical and optometric services provided in community clinics and funded on a global basis through District Management Services Branch; and, the handling of claims for medical services provided in alternate payment projects. Statistical tables have not been adjusted for recoveries resulting from professional review activities (see Table 2).

Payments to Locum Tenens - Where a physician acts as the principal for a locum tenens physician who is not fully registered by the College of Physicians and Surgeons, payments for services provided by the locum are made to the principal, unless the locum is granted a conditional or provisional licence by the College. This can impact on average physician payment data.

Retroactive Payments - From time to time, the MSP is required to make payments retroactively to practitioners, pursuant to agreements with the respective professional associations. The data excludes the lump sum payments made to the Saskatchewan Medical Association (SMA) in March 1998 in lieu of a retroactive amendment to the Payment Schedule for 1997-98 and in October of 1998 in lieu of delayed implementation of amendments to the Payment Schedule for 1998-99.

Chiropractic and Optometric Services under Supplementary Health - Changes to the chiropractic and optometric programs in 1992 resulted in a shift in payment responsibility for some services to the Supplementary Health Program. For statistical purposes, however, combined chiropractic and optometric data for services paid under both the Medical Services Plan and the Supplementary Health Program is reported in this document.

Definitions of Service Groupings (Tables 7 to 10 and 15)

- (a) **Consultations** - A consultation is the referral of a patient by one physician to another for examination, diagnosis, and written report. The patient may return to the referring physician for treatment or receive treatment from the consultant.
- (b) **Major Assessments** - A major assessment comprises a full history review, an examination of all parts or systems, a complete record and advice to the patient, and may include a detailed examination of one or more parts or systems. A major assessment may be provided to new or former patients. Eye examinations by physicians are included here.
- (c) **Other Assessments** - Other assessments are visits which comprise history review, history of the presenting complaint, and an examination of the affected parts, regions or systems. Follow-up assessments, well baby care provided in the office, visits to special care homes and continuous personal attendance are included in this classification.
- (d) **Psychotherapy** - Includes treatment interview, group therapy, and counselling.

(e) **Hospital Care** - Physician services provided in a hospital on a visit per day basis including newborn care in hospital. Hospital visits covered by a composite payment such as hospital care following surgery are not included.

(f) **Special Calls and Emergency** - Includes surcharge payments made in association with visits or other services provided by physicians when specially called to attend a patient on a priority basis; follow-up house calls not specially called; special calls for additional patients seen; and out-of-hours premiums.

(g) **Major Surgery** - All 42-day surgical procedures excluding those falling in the Obstetrics classification. The "day" classification refers to the number of days of post-operative care included in the procedural fee.

(h) **Minor Surgery** - All 0 and 10-day surgical procedures excluding those falling in the Obstetrics classification.

(i) **Surgical Assistance** - Services of physicians as required to assist the surgeon at an operation. Includes assistant standby.

(j) **Obstetrics** - Includes confinements, abortions, caesarian sections, but excludes gynaecological surgery, and pre- and post-natal visits. Foetal monitoring and transfusions are included here.

(k) **Anaesthesia** - All anaesthetic procedures, pain management and pain clinic services are included in this category (see page 7).

(l) **Diagnostic Radiology** - All out-of-hospital technical procedures and interpretations by specialists in radiology.

(m) **Laboratory Services** - Common office laboratory services provided by a physician other than a pathologist.

(n) **Other Diagnostic and Therapeutic Procedures** - All types of diagnostic procedures, allergy tests, ultrasound, professional interpretations of procedures, biopsies, therapeutic procedures, injections, Papanicolaou smears, and resuscitation and intensive care.

(o) **Special and Miscellaneous Services** - Examinations for adoptions, for rape victims, for follow-up Cancer report; examinations and certifications of mental ill health; immunizations where not elsewhere available; intralesional injections; emergency on-call coverage, and any other services not elsewhere classified.

(p) **Services by Optometrists** - Includes eye examinations to determine the refractive state of the eye, when provided by an optometrist, partial examinations and tonometry testing.

(q) **Services by Chiropractors** - Includes visit services and x-ray services provided by chiropractors.

(r) **Dental Services** - Includes certain insured services provided by dentists, i.e. oral surgery, or orthodontic services for care of cleft palate, and the extraction of teeth necessary to be performed before the provision of certain surgical procedures.

Categories of Practitioners (Tables 15 and 18 to 26)

I. Physicians

(a) **General Practitioner** - A physician registered with the College of Physicians and Surgeons of Saskatchewan whose name does not appear on the specialist listing mentioned in (b) below. Includes physicians who while not specialists, limit their practice to specific specialty areas.

- (i) **Metro** - A general practitioner who practises in Regina or Saskatoon.
- (ii) **Urban** - A general practitioner who practises in a locality having 10,000 or more residents other than in Regina or Saskatoon.
- (iii) **Rural** - A general practitioner who practises in a locality having fewer than 10,000 residents.
- (iv) **Association** - A general practitioner who maintains patients' medical records with one or more other physicians.
- (v) **Solo** - A general practitioner who is not working in association with another physician.

(b) **Specialist** - A physician listed by the College of Physicians and Surgeons of Saskatchewan as eligible to receive MSP payments at specialist rates. If a physician is listed as a specialist during the year, only those services provided after such listing are included with specialist services.

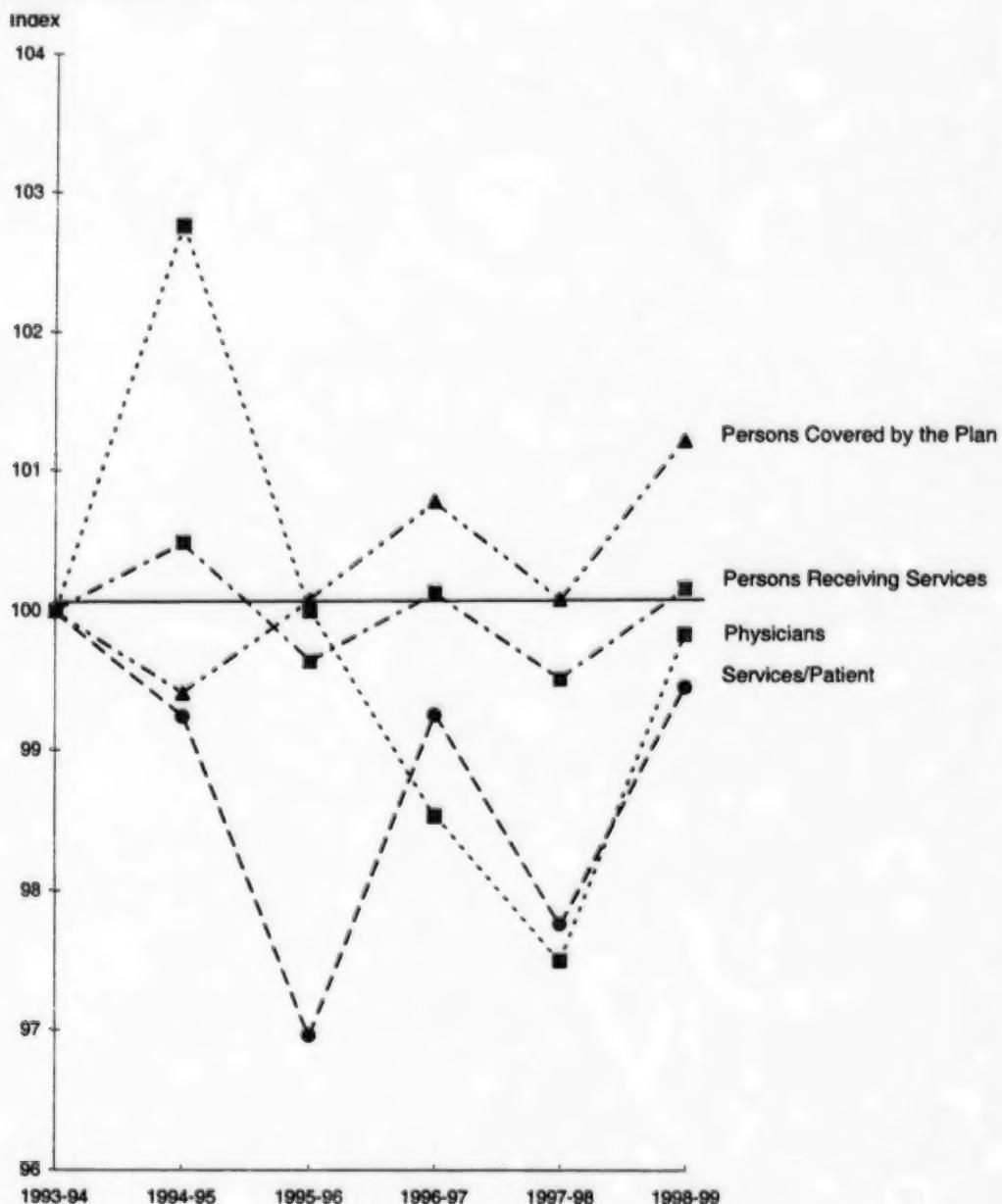
Note: Physiatrists are included with Internists, Medical Geneticists with Paediatricians, and Pathologists with Diagnostic Radiologists.

II. Optometrist - A practitioner registered by the Saskatchewan Association of Optometrists.

III. Chiropractor - A practitioner registered by the Chiropractors' Association of Saskatchewan.

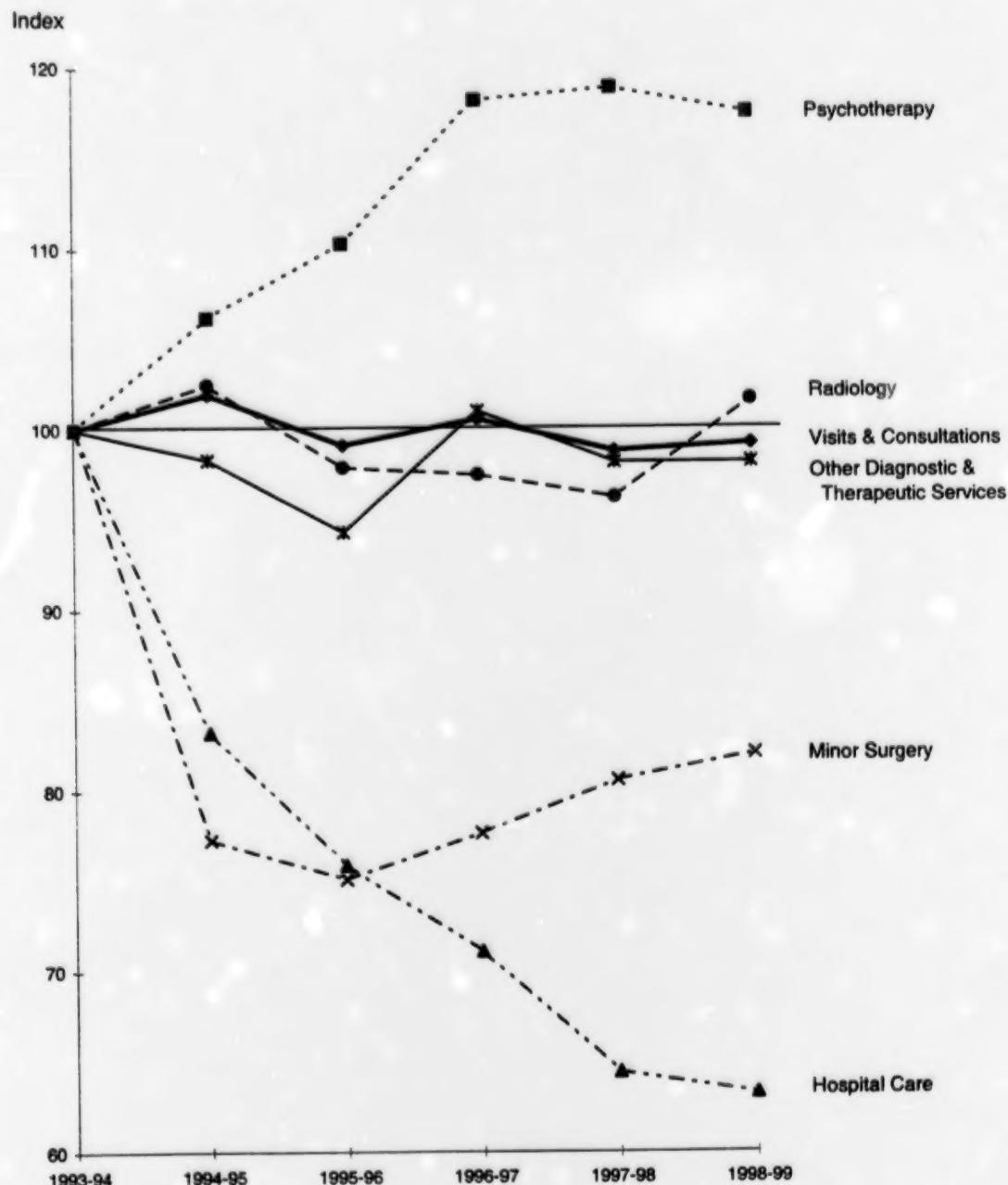
Note: Definition of Active Practitioner - Practitioners receiving \$40,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year. General Practitioners are categorized in the group in which they earned the most income if they practised in various clinics or locations throughout the year.

Figure 1
**Index of Persons Covered by the Plan, Physicians,
Services Per Patient, and Persons Receiving Services
1993-94 to 1998-99**



Note: Services/Patient excludes laboratory services provided by resident specialists in pathology to allow for comparisons to previous years, given the change in funding and delivery of laboratory services in 1993-94.

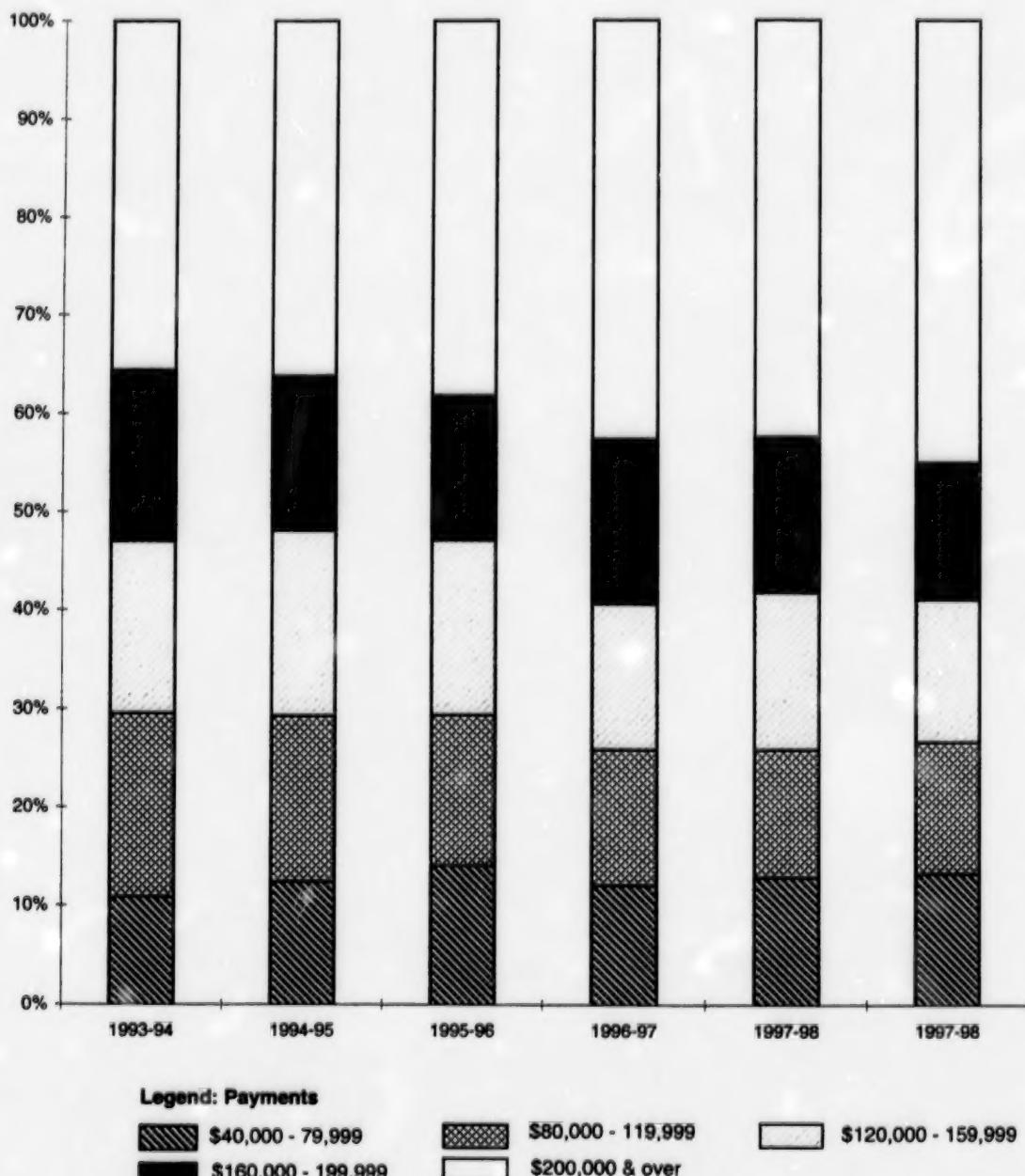
Figure 2
Index of Services Per 1,000 Beneficiaries for
Selected Types of In-Province Physician Services
1993-94 to 1998-99



Note: The two additional weeks of processed claims in 1996-97 may not provide accurate year over year comparison.

Figure 3
Per Cent of Physicians by Range of MSP Payment
1993-94 to 1998-99

Cumulative Per Cent
of Physicians



Note: The two additional weeks of processed claims in 1996-97 may not provide accurate year over year comparison.

Figure 4
Per Capita Payments for Insured Services
by Age and Sex of Beneficiary

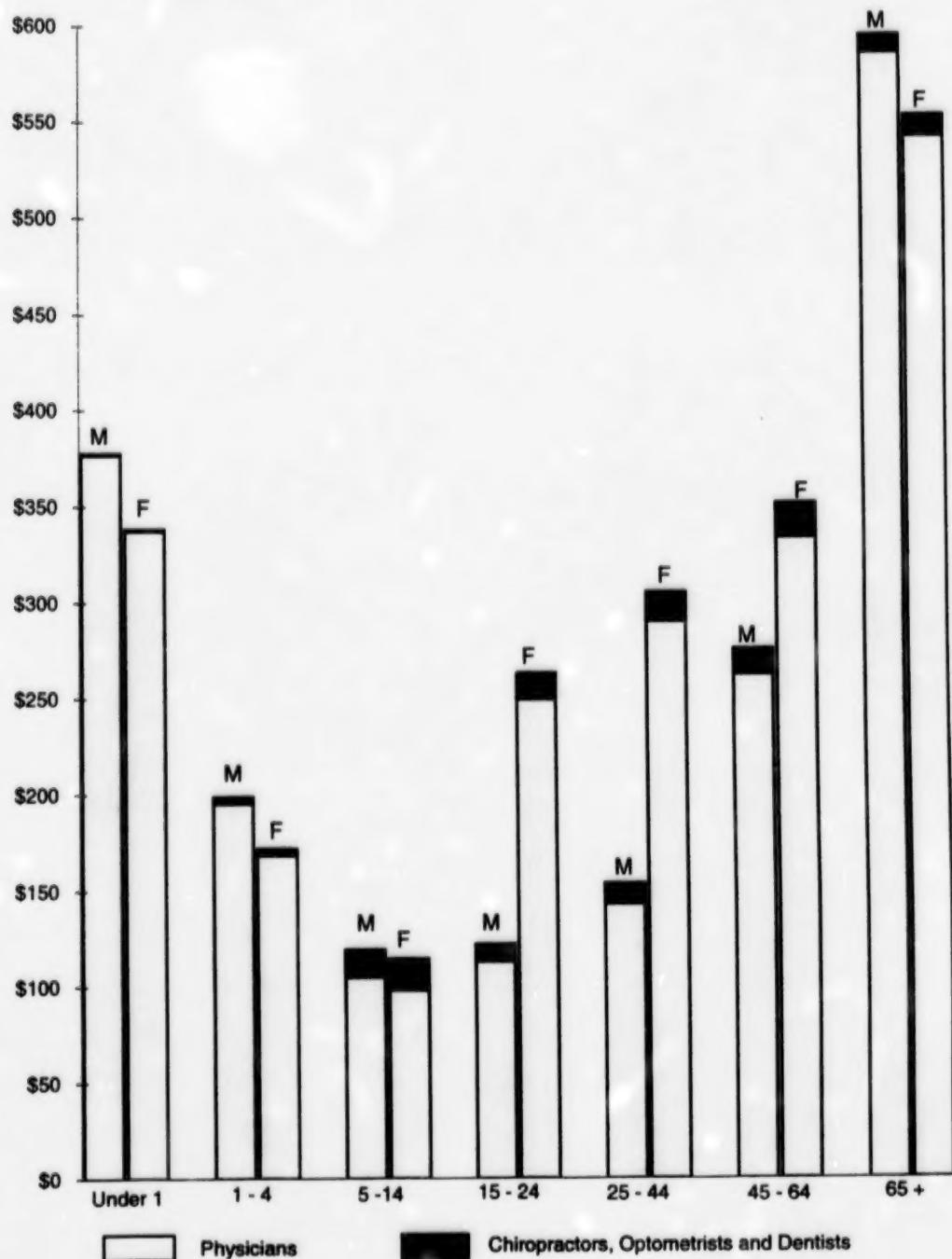


Figure 5

Number of Active Alternate Payment Projects By Fiscal Year

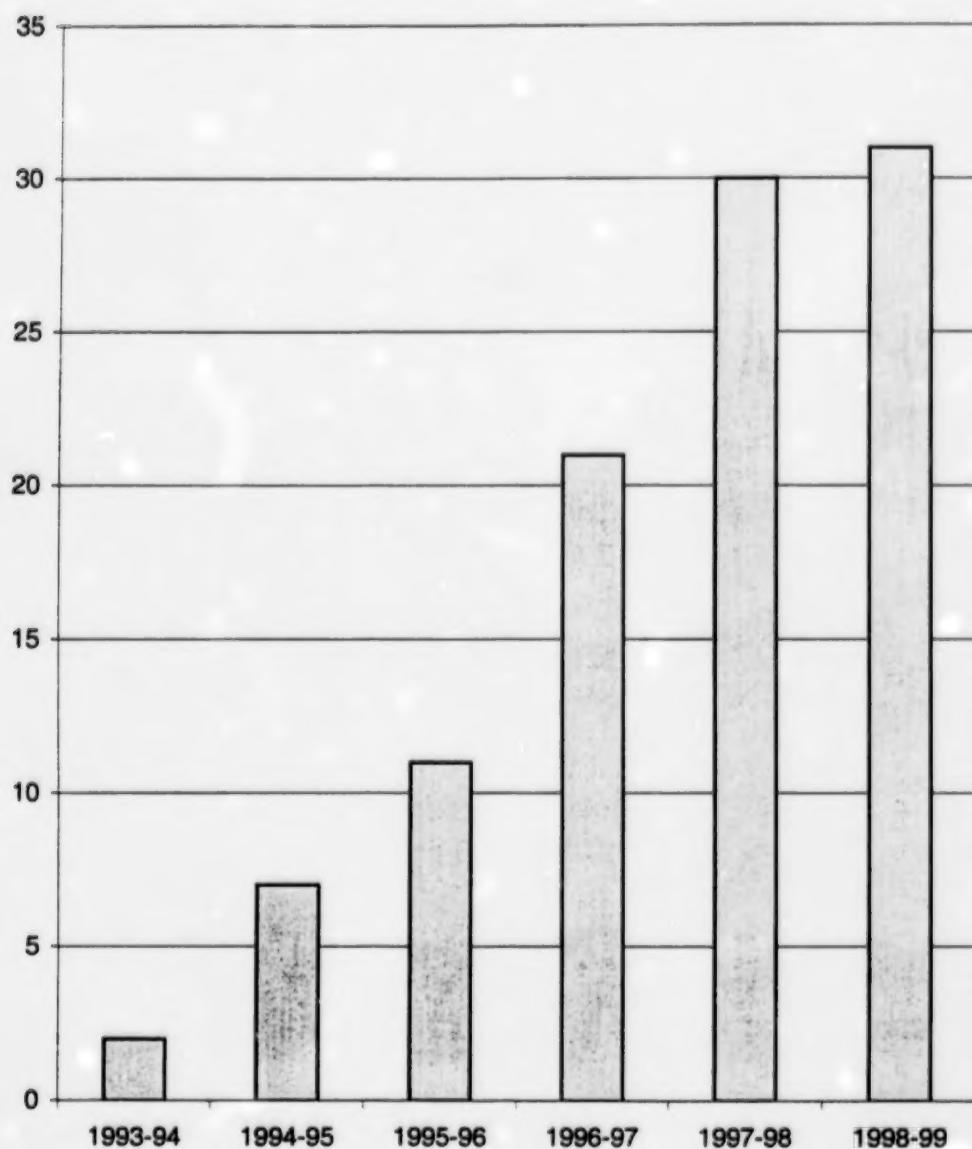


Figure 6

Alternate Payment Project Expenditures By Services Provided

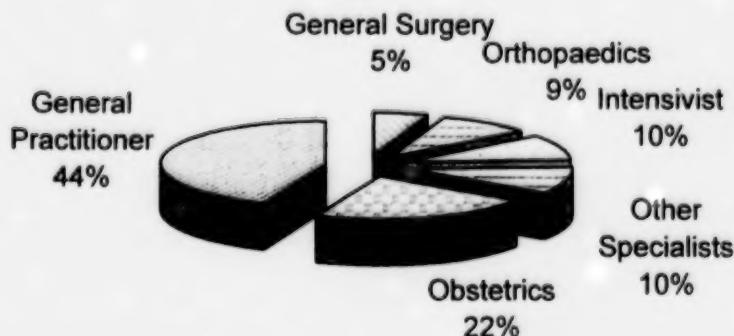


Figure 7

Alternate Payment Project Expenditures By Health District

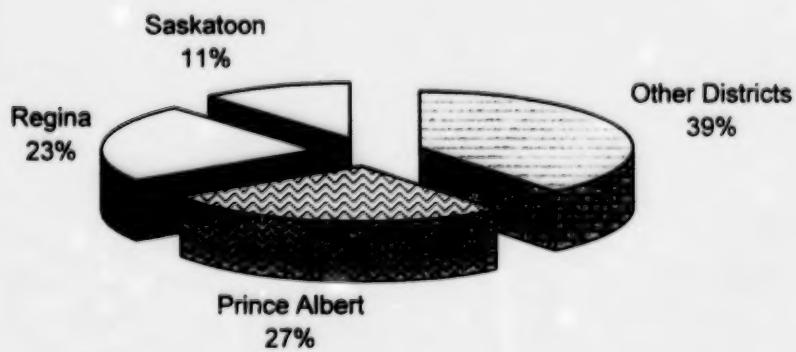


Figure 8
Map of District Boundaries



Table 1
Analysis of Per Cent Change in Per Capita Costs

Year	Gross Payments for Insured Services (000's)	Total Per Cent Change In Per Capita Costs*	Per Cent Change Due to Fee Increases	Per Cent Change Due to Utilization Increases
1994-95.....	259,784	0.47	0.00	0.41
1995-96.....	256,769	-1.79	0.00	-1.84
1996-97**.....	269,101	4.13	1.54	2.54
1997-98.....	268,673	0.21	1.18	-0.96
1998-99.....	285,093	2.99	2.79	0.19
Average Annual Per Cent Change 1994-95 to 1998-99.....	2.40	1.39	1.38	-0.02

- * Current year cost per capita figures have been adjusted for claims inventory, program coverage and covered population to allow for comparison to the previous year.
- The total per cent change in per capita costs is equal to the per cent change due to fee increases times the per cent change due to utilization increases.
- Adjustments were made to gross payments in 1993-94 and 1994-95 to compensate for the delay in processing Alberta reciprocal billing tapes.
- Payments in 1995-96 exclude the lump sum payment made to the SMA for distribution to physicians in the province in lieu of a retroactive amendment to the Payment Schedule for 1995-96.
- Payments in 1997-98 exclude the lump sum payment made to the SMA for distribution to physicians in the province in lieu of a retroactive amendment to the Payment Schedule for 1997-98.
- Payments in 1998-99 exclude the lump sum payment made to the SMA for distribution to physicians due to delayed implementation of amendments to the Payment Schedule for 1998-99.
- Payments in 1997-98 and 1998-99 exclude emergency on-call coverage payments.
- ** Payments in 1996-97 include an extra pay run. The two additional weeks of processed claims may not provide accurate year over year comparison.

Table 2
Adjustments and Recoveries by the Medical Services Plan

	1997-98		1998-99	
	Number of Practitioners	Adjustment or Recovery (000's)	Number of Practitioners	Adjustment or Recovery (000's)
Routine Assessment on In-Province Claims*	1,762	\$10,118.4	1,784	\$8,283.6
Routine Assessment on Out-of-Province Claims*	--	1,174.1	--	976.3
Special MSP Studies and Professional Review Activity**.....	23	552.7	21	407.4
Third Party Liability Recoveries.....	--	1,659.9	--	1,667.0
Total.....	--	\$13,505.1	--	\$11,334.3

- * The dollar adjustments represent the difference between the amount on claims submitted and the amount assessed, including adjustments resulting from verification programs.
- ** The dollar amounts are recoveries resulting from the correction of payments as revealed by special studies by the MSP and Professional Review Committees.

Table 3
Claims Received by Method of Billing

Claims Received from:	Number of Claims Received		Per Cent of Claims Received	
	1997-98	1998-99	1997-98	1998-99
Physicians	7,478,326	7,550,392	89.71	90.11
In-Province Claim Forms*.....	135,497	110,429	1.63	1.32
In-Province Direct Input*.....	7,131,452	7,223,478	85.55	86.21
Out-of-Province Reciprocal Billing**.....	208,166	214,085	2.50	2.56
Other Out-of-Province.....	3,211	2,400	0.04	0.03
Optometrists ~.....	98,020	104,342	1.18	1.25
In-Province Claim Forms.....	79,488	83,574	0.95	1.00
In-Province Direct Input.....	16,823	18,585	0.20	0.22
Out-of-Province	1,709	2,183	0.02	0.03
Chiropractors ~.....	752,002	716,319	9.02	8.55
In-Province Claim Forms.....	152,389	123,086	1.83	1.47
In-Province Direct Input.....	593,209	585,997	7.12	6.99
Out-of-Province	6,404	7,236	0.08	0.09
Beneficiaries	7,915	7,757	0.09	0.09
In-Province	267	160	0.00	0.00
Out-of-Province	7,648	7,597	0.09	0.09
Total	8,336,263	8,378,810	100.00	100.00

* Includes claims for services provided to beneficiaries of other provinces through reciprocal billing arrangements. Includes claims for insured dental services.

** Claims for services provided to Saskatchewan beneficiaries in other provinces through reciprocal billing arrangements.

~ Includes claims for optometrist and chiropractor services covered by the Supplementary Health Program.

Table 4
Services and Payments by Age and Sex of Beneficiaries

Age Groups	Number of Beneficiaries as at June 30, 1998		Rate Per 1,000 Beneficiaries			
	Male	Female	Services	Payments	Male	Female
A. Physicians						
Under 1	6,151	6,061	14,717	13,540	376,569	337,408
1 - 4	28,643	27,470	8,631	7,762	195,085	168,382
5 - 14	81,934	77,827	4,981	4,788	104,549	97,774
15 - 24	78,958	74,856	4,894	11,053	112,530	248,779
25 - 44	150,752	148,562	5,738	11,942	142,505	289,669
45 - 64	101,823	100,065	9,613	13,158	261,889	333,374
65 and over	64,922	83,909	21,023	20,734	586,569	542,551
All Beneficiaries.....	513,183	518,750	8,459	12,194	217,439	298,449
B. Optometrists						
Under 1	6,151	6,061	3	1	103	49
1 - 4	28,643	27,470	75	80	2,706	2,876
5 - 14	81,934	77,827	342	391	12,390	14,164
15 - 24	78,958	74,856	125	177	4,518	6,374
25 - 44	150,752	148,562	17	34	541	1,084
45 - 64	101,823	100,065	30	33	720	783
65 and over	64,922	83,909	22	55	528	1,285
All Beneficiaries.....	513,183	518,750	92	113	3,194	3,867
C. Chiropractors						
Under 1	6,151	6,061	63	65	770	821
1 - 4	28,643	27,470	59	43	723	536
5 - 14	81,934	77,827	109	106	1,294	1,250
15 - 24	78,958	74,856	315	490	3,527	5,503
25 - 44	150,752	148,562	853	1,130	9,340	12,563
45 - 64	101,823	100,065	1,032	1,369	11,154	14,640
65 and over	64,922	83,909	721	791	7,809	8,634
All Beneficiaries.....	513,183	518,750	617	805	6,744	8,838
D. Dentists						
Under 1	6,151	6,061	1	1	71	94
1 - 4	28,643	27,470	1	1	33	32
5 - 14	81,934	77,827	15	18	777	870
15 - 24	78,958	74,856	15	33	1,029	2,044
25 - 44	150,752	148,562	12	24	894	1,625
45 - 64	101,823	100,065	20	31	1,477	2,398
65 and over	64,922	83,909	12	12	955	967
All Beneficiaries.....	513,183	518,750	14	22	962	1,513

Notes: 1) Includes out-of-province services and costs.

2) Includes optometric and chiropractic services covered by the Supplementary Health Program.

Table 5
Beneficiaries, Payments and Services by Dollar Value of Benefits

Dollar Value of Benefits	1997-98				1998-99			
	Number of Beneficiaries	% of Beneficiaries	% of Payments	% of Services	Number of Beneficiaries	% of Beneficiaries	% of Payments	% of Services
A. Physicians Only								
\$ 0.00*	145,960	14.3	--	<0.1	151,821	14.7	--	<0.1
\$ 0.01 - \$ 25.00	89,499	8.8	0.7	0.9	89,400	8.7	0.6	0.9
\$ 25.01 - \$ 50.00	93,564	9.2	1.4	1.9	90,174	8.7	1.3	1.8
\$ 50.01 - \$ 100.00	170,363	16.7	4.9	6.5	167,681	16.2	4.6	6.3
\$100.01 - \$ 250.00	249,378	24.4	15.9	20.1	249,542	24.2	15.3	19.4
\$250.01 - \$ 500.00	138,228	13.5	19.0	21.6	143,614	13.9	18.9	21.4
\$500.01 - \$1,000.00	82,800	8.1	22.7	21.7	85,975	8.3	22.6	21.7
Over \$1,000.00	50,559	5.0	35.5	27.2	53,726	5.2	36.7	28.4
Total	1,020,351	100.0	100.0	100.0	1,031,933	100.0	100.0	100.0
B. Optometrists Only								
\$ 0.00*	931,868	91.3	--	<0.1	936,662	90.8	--	<0.1
\$ 0.01 - \$ 25.00	2,314	0.2	1.2	2.4	2,410	0.2	1.2	2.3
\$ 25.01 - \$ 50.00	83,049	8.1	93.0	90.8	89,609	8.7	93.2	91.1
Over \$50.00	3,120	0.3	5.8	6.8	3,252	0.3	5.7	6.6
Total	1,020,351	100.0	100.0	100.0	1,031,933	100.0	100.0	100.0
C. Chiropractors Only								
\$ 0.00*	909,391	89.1	--	0.1	928,332	90.0	--	0.1
\$ 0.01 - \$ 25.00	35,707	3.5	7.1	6.6	32,898	3.2	6.8	6.4
\$ 25.01 - \$ 50.00	26,790	2.6	12.3	12.3	21,999	2.1	10.0	9.9
\$ 50.01 - \$ 100.00	24,684	2.4	21.7	21.9	24,500	2.4	21.1	21.4
\$100.01 - \$ 250.00	18,886	1.9	35.0	35.6	18,933	1.8	35.6	36.2
Over \$250.00	4,893	0.5	23.9	23.4	5,271	0.5	26.6	26.0
Total	1,020,351	100.0	100.0	100.0	1,031,933	100.0	100.0	100.0

* The number of beneficiaries in this category is a residual, representing the difference between the number for whom a claim was paid at any time during the year and the total of beneficiaries at June 30 of the stated year.

Notes: 1) Includes out-of-province services and costs.

2) Includes optometric and chiropractic services covered by the Supplementary Health Program.

3) Excludes the lump sum payment made to the SMA for distribution to physicians in the province in lieu of a retroactive amendment to the Payment Schedule for 1997-98.

4) Excludes the lump sum payment made to the SMA for distribution to physicians due to delayed implementation of amendments to the Payment Schedule for 1998-99.

Table 6
Physician Services and Payments by Age and Sex (In- and Out-of-Province)

Age Groups	Sex	Population		Per Cent Treated	Average Per Person Insured		Average Per Person Treated		Average Payment Per Service
		Insured*	Treated**		Services	Cost	Services	Cost	
Under 1	M	6,151	7,554	100.00	14.72	376.57	11.98	306.63	25.59
	F	6,061	7,386	100.00	13.54	337.41	11.11	276.88	24.92
	T	12,212	14,940	100.00	14.13	357.13	11.55	291.92	25.27
1 - 4	M	28,643	26,410	92.20	8.63	195.08	9.36	211.58	22.60
	F	27,470	24,938	90.78	7.76	168.38	8.55	185.48	21.69
	T	56,113	51,348	91.51	8.21	182.01	8.97	198.90	22.18
5 - 9	M	40,423	32,693	80.88	5.26	112.12	6.51	138.63	21.30
	F	38,358	30,948	80.68	4.91	101.82	6.09	126.20	20.72
	T	78,781	63,641	80.78	5.09	107.10	6.30	132.58	21.03
10 - 14	M	41,511	31,902	76.85	4.71	97.18	6.12	126.45	20.65
	F	39,469	30,593	77.51	4.67	93.84	6.02	121.07	20.11
	T	80,980	62,495	77.17	4.69	95.55	6.07	123.82	20.39
15 - 19	M	41,474	31,920	76.96	4.94	111.95	6.42	145.46	22.67
	F	39,252	34,743	88.51	8.98	195.80	10.15	221.21	21.80
	T	80,726	66,663	82.58	6.90	152.72	8.36	184.94	22.12
20 - 24	M	37,484	28,108	74.99	4.84	113.17	6.46	150.92	23.36
	F	35,604	33,718	94.70	13.34	307.18	14.08	324.37	23.03
	T	73,088	61,826	84.59	8.98	207.68	10.62	245.51	23.13
25 - 29	M	33,527	24,187	72.14	5.09	121.76	7.06	168.78	23.90
	F	32,471	30,014	92.43	14.23	339.12	15.40	366.89	23.83
	T	65,998	54,201	82.13	9.59	228.70	11.68	278.48	23.85
30 - 34	M	35,501	25,305	71.28	5.41	132.42	7.59	185.78	24.47
	F	35,561	31,244	87.86	12.32	301.20	14.03	342.82	24.44
	T	71,062	56,549	79.58	8.87	216.88	11.15	272.55	24.45
35 - 39	M	41,301	30,388	73.58	5.89	146.94	8.00	199.70	24.95
	F	41,250	36,367	88.16	11.11	269.17	12.60	305.32	24.23
	T	82,551	66,755	80.87	8.50	208.02	10.51	257.24	24.48
40 - 44	M	40,423	29,918	74.01	6.40	164.04	8.65	221.64	25.61
	F	39,280	34,313	87.35	10.58	259.87	12.11	297.48	24.57
	T	79,703	64,231	80.59	8.46	211.27	10.50	262.16	24.97
45 - 49	M	33,629	25,834	76.82	7.33	186.76	9.54	243.11	25.49
	F	32,150	28,871	89.80	11.63	289.55	12.95	322.43	24.90
	T	65,779	54,705	83.16	9.43	237.00	11.34	284.97	25.13
50 - 54	M	27,148	21,995	81.02	8.90	238.02	10.99	293.79	26.74
	F	26,214	24,366	92.95	13.27	330.48	14.28	355.55	24.90
	T	53,362	46,361	86.88	11.05	283.44	12.72	326.25	25.65
55 - 59	M	21,580	18,045	83.62	10.96	308.94	13.10	369.46	28.19
	F	21,707	20,030	92.27	13.67	351.41	14.82	380.83	25.70
	T	43,287	38,075	87.96	12.32	330.24	14.01	375.44	26.81
60 - 64	M	19,466	16,849	86.56	13.07	372.81	15.09	430.72	28.53
	F	19,994	18,343	91.74	14.91	388.05	16.25	422.98	26.03
	T	39,460	35,192	89.18	14.00	380.53	15.70	426.68	27.18
65 - 69	M	19,103	16,955	88.76	15.59	461.58	17.57	520.06	29.60
	F	19,977	18,466	92.44	16.37	446.65	17.71	483.20	27.28
	T	39,080	35,421	90.64	15.99	453.95	17.64	500.84	28.39
70 - 74	M	16,829	15,825	94.03	19.29	572.20	20.51	608.50	29.66
	F	19,521	18,546	95.01	18.63	523.23	19.61	550.73	28.08
	T	36,350	34,371	94.56	18.94	545.90	20.03	577.33	28.83
75 & Over	M	28,990	29,268	100.00	25.61	677.27	25.36	670.84	26.45
	F	44,411	44,651	100.00	23.62	594.18	23.49	590.99	25.16
	T	73,401	73,919	100.00	24.40	627.00	24.23	622.61	25.69
Total all ages	M	513,183	413,156	80.51	8.46	217.44	10.51	270.08	25.70
	F	518,750	467,537	90.13	12.19	298.45	13.53	331.14	24.47
	T	1,031,933	880,693	85.34	10.34	258.16	12.11	302.50	24.98

* As at June 30, 1998.

** Population treated at anytime during the fiscal year.

Table 7
Services by Type of Service

Type of Service*	Number of Services (000's)		Number of Services Per 1,000 Beneficiaries		
	1997-98	1998-99	1997-98	1998-99	1997-98 to 1998-99
In-Province Physician Services.....	10,047.5	10,284.0	9,847	9,966	1.20
Consultations.....	451.3	468.5	442	454	2.64
Major Assessments.....	397.4	397.4	389	385	-1.12
Other Assessments.....	4,490.6	4,555.1	4,401	4,414	0.30
Psychotherapy.....	350.9	351.3	344	340	-1.02
	5,690.3	5,772.3	5,577	5,594	0.30
Hospital Care.....	572.1	568.3	561	551	-1.78
Special Calls and Emergency.....	434.0	548.1	425	531	24.87
Major Surgery.....	104.6	103.5	103	100	-2.23
Minor Surgery.....	224.5	231.1	220	224	1.81
Surgical Assistance.....	100.9	99.3	99	96	-2.71
Obstetrics.....	25.0	25.6	25	25	1.13
Anaesthesia.....	289.6	293.4	284	284	0.18
	744.6	752.9	730	730	-0.03
Diagnostic Radiology.....	236.8	253.2	232	245	5.76
Laboratory Services.....	699.1	691.9	685	670	-2.15
Other Diagnostic and Therapeutic Services.....	1,455.1	1,471.9	1,426	1,426	0.02
Special and Miscellaneous Services.....	215.5	225.3	211	218	3.37
	2,606.5	2,642.4	2,554	2,561	0.24
In-Province Dental Services.....	18.7	18.5	18	18	-2.12
In-Province Optometric Services.....	95.7	103.7	94	101	7.18
Refractions by Optometrists.....	85.1	91.7	83	89	6.50
Other Optometric Services.....	10.6	12.1	10	12	12.60
In-Province Chiropractic Services.....	753.3	710.8	738	689	-6.71
Chiropractic Visit Services.....	750.4	707.8	735	686	-6.74
Chiropractic X-Ray Services.....	2.9	3.0	3	3	2.25
Out-of-Province Services					
Physician Services.....	370.1	382.9	363	371	2.28
Dental Services.....	0.1	0.1	--	--	--
Optometric Services.....	2.0	2.3	2	2	0.00
Chiropractic Services.....	23.5	23.4	23	23	-1.48
All Services.....	11,310.9	11,525.6	11,085	11,169	0.75

* The "Introductory Notes", page 10, describe inclusions in these classifications.

Note: 1) Includes optometric and chiropractic services covered by the Supplementary Health Program.

2) The "Highlights", page 4, describe program changes.

Table 8
Payments by Type of Service

Type of Service*	Dollar Payments (000's)		Dollar Payments Per 1,000 Beneficiaries		
	1997-98	1998-99	1997-98	1998-99	Per Cent Change 1997-98 to 1998-99
In-Province Physician Services.....	244,705	260,713	239,825	252,645	5.35
Consultations.....	26,704	28,111	26,171	27,241	4.09
Major Assessments.....	16,105	16,361	15,784	15,855	0.45
Other Assessments.....	85,062	88,532	83,365	85,792	2.91
Psychotherapy.....	8,362	8,450	8,195	8,188	-0.08
	136,233	141,454	133,515	137,077	2.67
Hospital Care.....	7,226	8,574	7,082	8,309	17.33
Special Calls and Emergency.....	7,926	9,325	7,768	9,037	16.33
Major Surgery.....	27,311	27,485	26,766	26,634	-0.49
Minor Surgery.....	4,939	5,079	4,841	4,921	1.67
Surgical Assistance.....	3,030	3,318	2,969	3,216	8.30
Obstetrics.....	4,973	4,744	4,874	4,598	-5.67
Anaesthesia.....	12,710	12,506	12,457	12,119	-2.71
	52,963	53,132	51,907	51,488	-0.81
Diagnostic Radiology.....	8,377	9,295	8,210	9,007	9.71
Laboratory Services.....	2,250	2,242	2,205	2,173	-1.47
Other Diagnostic and Therapeutic Services.....	27,813	29,500	27,258	28,588	4.88
Special and Miscellaneous Services**.....	1,917	7,189	1,879	6,967	270.74
	40,357	48,226	39,552	46,734	18.16
In-Province Dental Services.....	1,287	1,272	1,261	1,232	-2.30
In-Province Optometric Services.....	3,227	3,564	3,163	3,454	9.20
Refractions by Optometrists.....	3,091	3,408	3,030	3,303	9.02
Other Optometric Services.....	136	156	133	151	13.36
In-Province Chiropractic Services.....	7,989	7,799	7,830	7,558	-3.48
Chiropractic Visit Services.....	7,919	7,723	7,761	7,484	-3.57
Chiropractic X-Ray Services.....	70	76	69	73	6.48
Out-of-Province Services					
Physician Services.....	11,146	11,412	10,923	11,059	1.24
Dental Services.....	9	6	9	6	-29.13
Optometric Services.....	70	81	68	79	15.23
Chiropractic Services.....	239	246	235	239	1.80
All Services.....	268,673	285,093	263,314	276,271	4.92

* The "Introductory Notes", page 10, describe inclusions in these classifications.

** Includes payments for emergency on-call coverage.

Note: 1) Includes optometric and chiropractic services covered by the Supplementary Health Program.

2) The "Highlights", page 4, describe program changes.

3) Excludes the lump sum payment made to the SMA for distribution to physicians in lieu of a retroactive amendment to the Payment Schedule for 1997-98.

4) Excludes the lump sum payment made to the SMA for distribution to physicians due to delayed implementation of amendments to the Payment Schedule for 1998-99.

Table 9**Average Payment Per Service by Type of Service and Type of Practitioner**

Type of Service*	1997-98			1998-99		
	General Practitioners (\$)	Specialists (\$)	All Practitioners (\$)	General Practitioners (\$)	Specialists (\$)	All Practitioners (\$)
In-Province Physician Services.....	18.12	38.06	24.35	19.18	38.98	25.35
Consultations.....	43.11	60.94	59.17	43.03	62.24	60.00
Major Assessments.....	39.02	44.85	40.52	39.12	47.00	41.17
Other Assessments.....	18.82	20.39	18.94	19.32	20.96	19.44
Psychotherapy.....	19.66	31.44	23.83	19.57	32.24	24.06
	20.36	41.36	23.94	20.81	42.77	24.51
Hospital Care.....	12.51	12.83	12.63	15.01	15.21	15.09
Special Calls and Emergency.....	17.42	21.51	18.26	15.69	21.29	17.01
Major Surgery.....	175.77	271.31	261.01	184.21	276.69	265.65
Minor Surgery.....	15.90	41.56	22.00	15.30	47.60	21.97
Surgical Assistance.....	30.06	29.91	30.03	30.09	50.15	33.43
Obstetrics.....	214.53	183.41	198.76	208.35	165.50	185.39
Anaesthesia.....	43.34	44.02	43.89	42.13	42.74	42.62
	36.85	98.75	71.13	35.83	100.33	70.57
Diagnostic Radiology.....	--	35.38	35.38	--	36.70	36.70
Laboratory Services.....	3.02	4.61	3.22	3.02	4.78	3.24
Other Diagnostic and Therapeutic Services.....	8.29	22.78	19.11	8.22	24.22	20.04
Special and Miscellaneous Services**..	5.17	11.51	6.39	5.44	10.87	6.53
	5.02	23.44	15.28	5.10	24.83	16.09
In-Province Dental Services.....	--	--	68.73	--	--	68.60
In-Province Optometric Services.....	--	--	33.72	--	--	34.36
Refractions by Optometrists.....	--	--	36.33	--	--	37.19
Other Optometric Services.....	--	--	12.79	--	--	12.88
In-Province Chiropractic Services.....	--	--	10.61	--	--	10.97
Chiropractic Visit Services.....	--	--	10.55	--	--	10.91
Chiropractic X-Ray Services.....	--	--	24.16	--	--	25.16
Out-of-Province Services						
Physician Services.....	25.03	34.94	30.11	25.60	33.43	29.80
Dental Services.....	--	--	127.17	--	--	80.90
Optometric Services.....	--	--	35.43	--	--	35.92
Chiropractic Services.....	--	--	10.19	--	--	10.52
All Services.....	18.29	37.88	23.75	19.33	38.64	24.74

* The "Introductory Notes", page 10, describe inclusions in these classifications.

** Excludes payments for emergency on-call coverage to avoid distortion.

Note: 1) Includes optometric and chiropractic services covered by the Supplementary Health Program.

2) The "Highlights", page 4, describe program changes.

3) Excludes the lump sum payment made to the SMA for distribution to physicians in lieu of a retroactive amendment to the Payment Schedule for 1997-98.

4) Excludes the lump sum payment made to the SMA for distribution to physicians due to delayed implementation of amendments to the Payment Schedule for 1998-99.

Table 10
Per Cent of Services and Payments by Type of Service

Type of Service*	Per Cent of Total Services		Per Cent of Total Payments	
	1997-98	1998-99	1997-98	1998-99
In-Province Physician Services.....	88.83	89.23	91.08	91.45
Consultations.....	3.99	4.06	9.94	9.86
Major Assessments.....	3.51	3.45	5.99	5.74
Other Assessments.....	39.70	39.52	31.66	31.05
Psychotherapy.....	3.10	3.05	3.11	2.96
	50.31	50.08	50.71	49.62
Hospital Care.....	5.06	4.93	2.69	3.01
Special Calls and Emergency.....	3.84	4.76	2.95	3.27
Major Surgery.....	0.92	0.90	10.17	9.64
Minor Surgery.....	1.98	2.01	1.84	1.78
Surgical Assistance.....	0.89	0.86	1.13	1.16
Obstetrics.....	0.22	0.22	1.85	1.66
Anaesthesia.....	2.56	2.55	4.73	4.39
	6.58	6.53	19.71	18.64
Diagnostic Radiology.....	2.09	2.20	3.12	3.26
Laboratory Services.....	6.18	6.00	0.84	0.79
Other Diagnostic and Therapeutic Services.....	12.86	12.77	10.35	10.35
Special and Miscellaneous Services**.....	1.91	1.95	0.71	2.52
	23.04	22.93	15.02	16.92
In-Province Dental Services.....	0.17	0.16	0.48	0.45
In-Province Optometric Services.....	0.85	0.90	1.20	1.25
Refractions by Optometrists.....	0.75	0.80	1.15	1.20
Other Optometric Services.....	0.09	0.10	0.05	0.05
In-Province Chiropractic Services.....	6.66	6.17	2.97	2.74
Chiropractic Visit Services.....	6.63	6.14	2.95	2.71
Chiropractic X-Ray Services.....	0.03	0.03	0.03	0.03
Out-of-Province Services				
Physician Services.....	3.27	3.32	4.15	4.00
Dental Services.....	--	--	--	--
Optometrist Services.....	0.02	0.02	0.03	0.03
Chiropractic Services.....	0.21	0.20	0.09	0.09
All Services.....	100.00	100.00	100.00	100.00

* The "Introductory Notes", page 10, describe inclusions in these classifications.

** Includes payments for emergency on-call coverage.

Note: 1) Includes optometric and chiropractic services covered by the Supplementary Health Program.

2) The "Highlights", page 4, describe program changes.

3) Excludes the lump sum payment made to the SMA for distribution to physicians in lieu of a retroactive amendment to the Payment Schedule for 1997-99.

4) Excludes the lump sum payment made to the SMA for distribution to physicians due to delayed implementation of amendments to the Payment Schedule for 1998-99.

Table 11**Payments(000's) for Out-of-Province Services by Location and Type of Practitioner**

Type of Practitioner	All Locations	Location of Services						
		Maritimes & Territories	Quebec	Ontario	Manitoba	Alberta	British Columbia	United States
General Practitioners.....	4,542.5	71.0	18.2	231.1	798.1	2,744.1	601.6	58.4
Specialists								
Paediatricians and Medical Geneticists.....	245.5	2.4	0.8	15.0	28.5	174.8	19.7	4.1
Internists and Physiatrists.....	1,141.0	9.5	5.2	91.7	70.7	761.9	99.8	98.8
Neurologists.....	67.1	0.8	1.9	5.2	4.4	40.5	9.6	4.7
Psychiatrists.....	236.6	3.3	4.8	28.9	9.8	154.7	33.4	1.6
Dermatologists.....	74.5	0.9	0.9	3.3	1.3	61.7	5.9	0.3
Anaesthetists.....	682.7	9.1	8.6	67.8	36.7	421.5	86.6	51.0
General and Thoracic Surgeons.....	1,065.3	8.5	0.8	53.8	56.0	689.6	58.7	196.6
Orthopaedic Surgeons.....	338.8	1.4	5.2	26.9	24.4	205.2	44.1	30.7
Plastic and Reconstructive Surgeons....	131.4	1.6	0.1	18.3	8.1	86.3	15.3	1.0
Neurological Surgeons.....	170.8	5.9	6.2	42.5	1.0	90.6	21.2	3.4
Obstetricians and Gynaecologists.....	389.3	4.3	1.3	12.6	36.3	311.2	22.3	1.0
Urological Surgeons.....	131.6	0.2	0.1	6.7	22.8	81.8	12.0	7.7
Ophthalmologists.....	270.8	1.2	0.5	6.4	10.9	191.1	49.8	10.9
Otolaryngologists.....	212.9	1.2	0.4	21.2	9.2	168.3	10.1	0.9
Pathologists.....	1,211.0	0.0	0.2	50.1	24.4	1,063.0	68.5	4.5
Diagnostic Radiologists.....	499.9	3.9	1.1	30.5	18.0	413.8	24.5	7.5
All Physicians.....	11,411.9	125.3	56.4	712.3	1,160.4	7,660.0	1,183.1	483.2
Dentists.....	6.5	0.0	0.0	0.2	0.6	3.5	0.6	1.6
Optometrists.....	81.3	0.0	0.1	0.1	18.2	62.6	0.2	0.0
Chiropractors.....	246.4	0.1	0.1	5.4	116.2	113.5	6.5	4.4
								0.2

Notes: 1) Includes optometric and chiropractic services covered by the Supplementary Health Program.

2) Saskatchewan reimburses the other provinces or territories, except Quebec, for physician services according to the physician Payment Schedule rates of the other provinces or territories. See "Out-of-Province Services" on page 8.

Table 12
**Payments(000's) to Saskatchewan Physicians for Services
Provided to Beneficiaries of Other Provinces or Territories**

Type of Practitioner	Home Province or Territory of Beneficiary										
	All Locations	Newfoundland	Nova Scotia	New Brunswick	Ontario	Manitoba	Alberta	British Columbia	NWT	Yukon	
General Practitioners.....	2,650.5	20.6	3.8	23.6	16.1	198.2	913.2	1,016.6	406.9	38.4	13.0
Specialists											
Paediatricians and											
Medical Geneticists.....	179.3	0.6	0.2	0.1	1.2	5.5	110.0	41.8	11.0	8.5	0.4
Internists and Physiatrists.....	279.8	1.3	0.1	0.9	0.7	19.3	144.3	67.9	40.8	3.0	1.3
Neurologists.....	37.0	0.2	0.0	0.2	0.1	2.0	15.1	12.0	6.8	0.3	0.3
Cardiologists.....	134.9	1.2	0.0	1.0	1.2	10.7	51.9	49.1	19.4	0.4	0.0
Psychiatrists.....	80.2	0.6	0.0	3.2	0.1	12.0	11.9	28.6	18.5	4.4	1.0
Dermatologists.....	15.4	0.0	0.0	0.2	0.1	1.7	6.2	3.7	2.3	1.1	0.1
Anaesthetists.....	203.9	1.6	0.0	0.5	0.0	11.5	89.5	74.4	22.3	3.7	0.4
General Surgeons.....	178.9	1.4	0.2	0.4	0.2	11.0	65.7	61.9	34.0	3.1	0.9
Cardiac Surgeons.....	176.2	0.0	0.0	0.0	0.0	6.6	157.6	5.5	2.0	4.5	0.0
Orthopaedic Surgeons.....	219.7	2.2	0.0	0.3	0.3	7.7	138.0	55.2	15.5	0.3	0.3
Plastic and											
Reconstructive Surgeons....	55.1	1.7	0.0	0.8	1.0	5.1	14.4	25.9	5.2	0.8	0.2
Neurological Surgeons.....	39.4	0.0	0.0	0.0	0.0	2.2	15.5	16.4	5.3	0.0	0.0
Obstetricians and											
Gynaecologists.....	296.1	0.2	0.0	1.0	0.4	13.8	183.7	73.8	18.4	4.0	.8
Urological Surgeons.....	51.4	0.3	0.0	1.1	0.1	3.9	13.1	24.3	8.0	0.6	0.0
Ophthalmologists.....	246.9	0.1	0.0	0.2	0.8	8.0	210.6	14.6	11.3	0.9	0.3
Otolaryngologists.....	61.3	0.3	0.1	0.2	0.1	3.2	30.3	21.1	4.6	1.5	0.1
Pathologists.....	30.1	0.4	0.0	0.3	0.2	4.8	6.0	11.2	6.6	0.3	0.3
Diagnostic Radiologists.....	183.0	2.0	0.3	1.7	1.7	16.7	47.2	72.7	33.3	5.6	1.7
All Physicians.....	5,119.1	34.9	4.8	35.8	24.3	343.9	2,224.2	1,676.5	672.1	81.3	21.2

Notes: 1) Quebec is the only province that does not participate in a reciprocal billing agreement between provinces. See "Out-of-Province Services" on page 8.

2) Saskatchewan is reimbursed by the other provinces or territories at Saskatchewan physician Payment Schedule rates.

Table 13**Payments(000's) for Out-of-Province Hospital Services by Location and Type of Care**

	All Locations	Location of Services							
		Maritimes & Territories	Quebec	Ontario	Manitoba	Alberta	British Columbia	United States	Rest of the World
Inpatient Treatment – High Cost Procedures									
Bone Marrow Transplant.....	2,220.7	0.0	0.0	80.4	505.3	1,102.3	532.7	0.0	0.0
Cardiac Surgery with or without Valve Replacement.....	1,145.7	0.0	0.0	92.0	50.0	293.0	39.2	671.6	0.0
Liver Transplant.....	576.8	0.0	0.0	82.4	0.0	494.4	0.0	0.0	0.0
Defibrillator Pacemaker.....	390.0	0.0	0.0	0.0	0.0	352.5	37.5	0.0	0.0
Heart Transplant.....	300.9	0.0	0.0	75.2	0.0	225.7	0.0	0.0	0.0
Lung Transplant.....	222.2	0.0	0.0	0.0	0.0	222.2	0.0	0.0	0.0
Cochlear Implant.....	221.1	0.0	0.0	0.0	0.0	15.0	0.0	206.1	0.0
Cardiac Catheterization with or without Stent(s).....	218.8	0.0	0.0	0.0	0.0	195.3	20.3	3.2	0.0
Other Pacemaker Insertion or Replacement.....	60.4	0.0	0.0	0.0	26.1	33.4	0.9	0.1	0.0
Magnetic Resonance Imaging (MRI).....	17.0	0.0	1.3	3.3	0.0	10.5	2.0	0.0	0.0
Percutaneous Nephrostomy without Fragmentation.....	5.6	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0
Other Inpatient Treatment by ICD-9 Chapter of Primary Diagnosis									
I. Infectious & Parasitic Diseases.....	200.7	4.1	0.0	1.0	30.3	117.0	37.4	1.0	10.0
II. Neoplasms.....	1,377.1	5.7	0.0	227.3	122.6	840.7	148.7	30.3	1.8
III. Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders.....	224.0	7.0	0.0	6.2	92.7	97.0	19.9	0.9	0.2
IV. Diseases of Blood and Blood-Forming Organs.....	141.8	0.0	2.1	12.5	53.0	72.4	1.7	0.0	0.0
V. Mental Disorders.....	912.4	8.7	0.8	54.5	25.8	607.9	213.7	0.0	1.0
VI. Diseases of the Nervous System & Sense Organs.....	799.6	19.6	124.5	143.5	23.9	413.8	73.7	0.2	0.2
VII. Diseases of the Circulatory System.....	2,205.4	85.8	14.9	114.0	202.6	1,500.5	285.2	87.9	4.6
VIII. Diseases of the Respiratory System.....	1,026.0	21.6	0.0	100.2	137.3	637.1	117.6	9.5	2.8
IX. Diseases of the Digestive System.....	1,397.8	75.4	2.3	79.7	129.9	977.9	117.2	11.2	4.1
X. Diseases of the Genitourinary System.....	499.7	17.8	0.0	27.5	118.7	302.1	30.6	0.6	2.4
XI. Complications of Pregnancy, Childbirth & the Puerperium.....	772.6	16.0	2.3	23.6	93.1	598.2	39.3	0.0	0.1
XII. Diseases of the Skin and Subcutaneous Tissue.....	155.8	3.2	1.8	21.9	8.9	88.9	30.3	2.3	0.4
XIII. Diseases of the Musculoskeletal System & Connective Tissue.....	707.0	9.6	51.7	88.9	38.4	407.5	106.6	2.2	2.0
XIV. Congenital Anomalies.....	362.0	0.0	8.1	30.9	71.2	223.1	28.7	0.0	0.0
XV. Certain Conditions Originating in the Perinatal Period.....	253.0	0.0	0.0	26.2	22.2	187.5	17.1	0.0	0.0
XVI. Symptoms, Signs, and Ill-defined Conditions.....	999.6	4.4	2.1	17.9	94.5	810.6	57.0	5.8	7.3
XVII. Injury and Poisoning (Nature).....	2,078.0	14.4	41.6	147.2	186.2	1,329.2	235.6	119.8	4.0
Supplementary Classifications of Factors Influencing Health Status and Contacts with Health Services.....	585.4	1.8	0.7	9.2	90.4	280.8	202.6	0.0	0.0
Outpatient Treatment – High Cost Procedures									
Haemodialysis.....	348.0	0.0	0.0	9.9	41.4	292.6	4.2	0.0	0.0
Computerized Axial Tomography.....	147.4	0.6	2.6	7.0	11.0	118.2	8.0	0.0	0.0
Magnetic Resonance Imaging (MRI).....	95.6	1.3	3.9	24.9	7.2	51.7	6.6	0.0	0.0
Other Outpatient Treatment.....	5,260.3	128.4	26.6	303.8	716.0	3,318.7	805.2	142.8	8.7
Total.....	26,008.6	425.5	287.5	1,810.9	2,902.4	16,217.8	3,019.5	1,295.5	49.5

Notes: 1) More than one of the same high cost procedure can occur during a single hospitalization.

2) Payments for high cost procedures, except MRIs, performed during inpatient hospitalizations can include the authorized per diem rate of the hospital.

3) Although all Cochlear Implants are performed in Alberta, payment for the device itself is made to the United States.

4) Data for hospitalizations in Flin Flon and Benito (Manitoba) are not included.

Table 14**Discharges from Out-of-Province Hospitals by Location and Type of Care**

	All Locations	Location of Services						
		Maritimes & Territories	Quebec	Ontario	Manitoba	Alberta	British Columbia	United States
Inpatient Treatment – High Cost Procedures								
Bone Marrow Transplant.....	25	0	0	1	6	14	4	0
Cardiac Surgery with or without Valve Replacement.....	52	0	0	11	1	28	2	10
Liver Transplant.....	7	0	0	1	0	6	0	0
Defibrillator Pacemaker.....	16	0	0	0	0	14	2	0
Heart Transplant.....	4	0	0	1	0	3	0	0
Lung Transplant.....	2	0	0	0	0	2	0	0
Cochlear Implant.....	14	0	0	0	0	6	0	8
Cardiac Catheterization with or without Stent(s).....	34	0	0	0	0	24	4	6
Other Pacemaker Insertion or Replacement.....	8	0	0	0	3	3	1	1
Magnetic Resonance Imaging (MRI)*.....	22	0	2	5	0	13	2	0
Percutaneous Nephrostomy without Fragmentation.....	1	0	0	0	1	0	0	0
Other Inpatient Treatment by ICD-9 Chapter of Primary Diagnosis								
I. Infectious & Parasitic Diseases.....	78	2	0	1	12	29	7	4
II. Neoplasms.....	282	3	0	30	33	166	40	8
III. Endocrine, Nutritional & Metabolic Diseases & Immunity Disorders.....	80	2	0	4	25	36	10	2
IV. Diseases of Blood and Blood-Forming Organs.....	25	0	1	3	5	15	1	0
V. Mental Disorders.....	159	2	1	17	13	89	35	0
VI. Diseases of the Nervous System & Sense Organs.....	169	6	10	19	13	93	26	1
VII. Diseases of the Circulatory System.....	563	6	4	30	49	315	93	55
VIII. Diseases of the Respiratory System.....	484	5	0	20	52	319	37	21
IX. Diseases of the Digestive System.....	520	7	2	19	64	359	43	22
X. Diseases of the Genitourinary System.....	204	2	0	4	35	134	20	2
XI. Complications of Pregnancy, Childbirth & the Puerperium.....	565	9	3	19	76	432	25	0
XII. Diseases of the Skin and Subcutaneous Tissue.....	59	2	1	6	9	30	6	4
XIII. Diseases of the Musculoskeletal System & Connective Tissue.....	170	1	5	15	18	102	24	4
XIV. Congenital Anomalies.....	66	0	7	7	10	37	5	0
XV. Certain Conditions Originating in the Perinatal Period.....	63	0	0	8	11	40	4	0
XVI. Symptoms, Signs, and Ill-defined Conditions.....	397	4	2	17	26	273	46	14
XVII. Injury and Poisoning (Nature).....	499	5	6	22	48	323	63	17
Supplementary Classifications of Factors Influencing Health Status and Contacts with Health Services								
	435	3	2	11	69	326	24	0
Outpatient Treatment – High Cost Procedures								
Haemodialysis.....	1,582	0	0	45	188	1,330	19	0
Computerized Axial Tomography.....	737	3	13	35	55	591	40	0
Magnetic Resonance Imaging (MRI).....	146	2	6	38	11	79	10	0
Other Outpatient Treatment	40,162	1,172	258	2,320	5,654	24,791	4,715	1,046
Total	47,588	1,236	321	2,704	6,487	30,009	5,306	206

Notes: 1) More than one of the same high cost procedure can occur during a single hospitalization.

2) Although all Cochlear Implants are performed in Alberta, the devices are purchased from the United States.

3) Data for hospitalizations in Flin Flon and Benito (Manitoba) are not included.

* The inpatient MRIs are excluded from the totals since these are the number of persons receiving an MRI as part of their hospitalization for other inpatient treatment by diagnosis.

Table 15
In-Province Physician Services by Type of Service and Type of Practitioner

Type of Service* (000'S)	Type of Practitioner								
	General Practitioners	Paediatricians and Medical Geneticists	Internists and Physicians	Neurologists	Cardiologists	Psychiatrists	Dermatologists	General Surgeons	Cardiac Surgeons
Visits									
Consultations.....	54.7	24.4	80.9	21.0	24.0	10.2	14.1	52.4	2.6
Special Eye Examination.....	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Major Assessments.....	293.1	14.6	21.5	1.6	5.4	4.2	0.7	6.6	0.0
Other Assessments.....	4,225.5	39.0	47.7	2.9	11.9	10.5	15.3	33.3	1.1
Hospital									
Newborn, Premature.....	8.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other.....	330.4	22.3	117.2	10.2	29.8	17.4	0.1	19.4	0.0
Special Calls and Emergency.....	418.9	11.6	17.7	2.5	5.8	2.0	0.8	16.7	0.3
Psychotherapy									
Base Time**.....	131.5	1.7	0.2	0.4	0.0	75.3	0.0	0.1	0.0
Additional Time.....	95.5	0.7	0.2	0.1	0.0	42.8	0.0	0.0	0.0
Major Surgery.....	12.4	0.0	0.3	0.2	0.0	0.0	0.2	16.0	7.1
Minor Surgery.....	183.4	0.4	0.1	0.0	0.2	0.0	6.6	6.7	0.1
Surgical Assistance									
Base Time**.....	22.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.4
Additional Time.....	60.5	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.1
Obstetrics.....	11.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anaesthesia									
Base Time**.....	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Additional Time.....	29.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nerve Blocks.....	7.9	0.0	0.3	0.0	0.0	0.0	0.0	0.1	0.0
Diagnostic Radiology									
Pathology/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Laboratory Services.....	606.5	5.3	0.8	0.0	0.0	0.0	0.3	0.6	0.0
Diagnostic Ultrasound.....	2.7	2.0	3.7	0.0	22.8	0.0	0.0	0.0	0.0
Other Diagnostic and Therapeutic Services.....	381.8	146.0	258.0	9.3	143.5	4.3	21.2	34.7	0.3
Special Services.....	149.0	0.1	0.3	0.0	0.0	0.1	0.6	10.1	0.0
Miscellaneous Services.....	31.0	0.7	3.3	0.0	0.0	2.0	0.2	1.7	0.0
Total Services.....	7,077.2	272.5	552.3	48.0	243.5	168.7	60.0	205.2	12.0

* The "Introductory Notes", page 10, describe inclusions in these classifications.

** Represents the number of instances these types of services were provided during the year.

Table 15
(Continued)

		Type of Practitioner								
Ortho- paedic Surgeons	Plastic and Recon- structive Surgeons	Neuro- logical Surgeons	Obstetri- cians and Gynaeco- logists	Urological Surgeons	Ophthal- mologists	Otolaryn- gologists	Anaes- thetists	Pathologists and Diagnostic Radiologists	Total Services	
34.9	18.5	6.9	40.7	17.6	33.2	26.3	6.1	0.1	468.5	
0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	2.3	
1.7	0.3	0.1	8.6	7.2	20.6	9.0	0.0	0.0	395.2	
21.5	5.0	2.0	55.0	10.7	46.1	26.1	1.4	0.0	4,555.1	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	
2.8	0.6	1.8	3.9	0.8	0.3	0.5	0.0	0.0	557.4	
6.4	2.9	0.8	16.6	1.5	1.6	1.0	40.4	0.6	548.1	
0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.1	0.0	210.4	
0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.1	0.0	140.8	
12.9	6.9	2.1	6.2	5.9	26.6	6.8	0.0	0.0	103.5	
1.6	10.9	0.0	2.3	1.4	6.9	9.7	0.0	0.9	231.1	
0.2	0.2	0.1	1.3	0.5	0.0	0.0	0.0	0.0	26.4	
0.7	1.1	0.7	3.1	1.2	0.0	0.2	0.0	0.0	72.9	
0.0	0.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0	25.6	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.3	0.0	78.2	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	158.4	0.0	187.6	
0.0	0.0	0.2	0.0	0.0	0.0	0.0	19.1	0.1	27.7	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	253.2	253.2	
0.0	0.0	0.0	32.4	3.9	0.0	0.0	0.0	42.1	691.9	
0.0	0.0	0.0	4.0	0.0	9.1	0.0	0.0	73.4	117.7	
6.7	0.9	0.1	21.1	16.9	153.5	117.0	20.9	18.1	1,354.2	
0.0	0.2	0.0	21.1	0.1	0.0	0.0	0.0	0.0	181.5	
0.0	0.0	0.0	1.3	3.1	0.0	0.3	0.0	0.2	43.8	
89.4	47.4	14.8	233.0	70.8	298.9	196.9	304.7	388.7	10,284.0	

Table 16**Patients, Services and Payments for Selected In-Province Medical Procedures**

Type of Procedure	Number of Services	Rate Per 1,000 Beneficiaries			Per Cent Change in Services/1000 1997-98 to 1998-99
		Patients	Payments	Services	
Allergy Investigations and Hypo sensitization Injections.....	369,367	12.00	698.91	357.94	-9.20
Electrocardiograms and Echocardiograms.....	330,598	134.96	5,681.72	320.37	0.18
Submission of Papanicolaou Smear.....	139,363	238.59 ^f	885.23 ^f	268.65 ^f	0.83
Artificial Extra Corporeal Haemodialysis.....	37,716	0.54	1,362.41	36.55	11.88
Suturing of Wounds.....	30,138	27.42	1,152.46	29.21	-2.05
Removal of Cysts, Granulomata, Keratoses, Moles, Papilloma, Scars, Tumors or Warts.....	28,898	23.89	970.92	28.00	0.70
Plantar Wart Excision or Fulguration.....	26,308	12.06	371.05	25.49	6.57
Arthrocentesis - Joint Injections					
Shoulder, Elbow, Knee.....	18,859	11.56	257.25	18.28	6.84
Cystoscopy.....	11,956	9.74	728.63	11.59	2.19
Delivery - Vaginal.....	9,915	18.90 ^f	5,942.96 ^f	19.11 ^f	-3.23
- Caesarean.....	1,891	3.63 ^f	1,330.57 ^f	3.65 ^f	2.30
Cataract Extraction.....	10,336	7.83	4,078.85	10.02	-0.93
Fractures, Open Surgical or Closed Reduction.....	5,917	5.14	1,332.59	5.73	-1.70
Electroencephalograms or					
Echoencephalograms.....	4,386	3.83	90.53	4.25	2.74
Cardiac Catheterization.....	4,169	2.96	427.84	4.04	4.02
Hernia Repair.....	3,659	3.13	1,041.06	3.55	2.58
Psychological Testing.....	3,424	2.68	102.00	3.32	2.34
Gall Bladder or Other Biliary Tract Surgery.....	2,798	2.67	1,168.86	2.71	2.16
Vasectomy.....	2,230	4.33 ^m	697.15 ^m	4.35 ^m	6.54
Sigmoidoscopy.....	2,170	1.89	55.64	2.10	-7.91
Therapeutic Abortion.....	2,084	3.92 ^f	524.47 ^f	4.02 ^f	-14.98
Dilatation and Curettage.....	1,872	3.55 ^f	342.50 ^f	3.61 ^f	2.27
Arthroplasty - Total Hip Replacement.....	878	0.74	562.36	0.85	-5.12
- Total Knee Replacement.....	992	0.82	635.21	0.96	0.50
Hysterectomy - Abdominal.....	1,360	2.61 ^f	1,007.45 ^f	2.62 ^f	-10.61
- Vaginal.....	504	0.97 ^f	390.61 ^f	0.97 ^f	-21.51
Tubal Ligation.....	1,836	3.52 ^f	617.61 ^f	3.54 ^f	-9.03
Tonsillectomy (With or Without Adenolectomy).....	1,405	1.36	203.38	1.36	-0.13
Prostatectomy (With or Without Vasectomy).....	1,259	2.41 ^m	1,092.30 ^m	2.45 ^m	-4.34
Varicose Veins (Ligation).....	1,069	0.40	102.56	1.04	-5.46
Appendectomy.....	1,057	1.02	281.07	1.02	-0.46
Genital Prolapse Repair.....	988	1.68 ^f	526.48 ^f	1.90 ^f	-18.04
Coronary By-Pass.....	917	0.71	1,603.02	0.89	-16.89
Spinal Disc Excision.....	871	0.83	522.45	0.84	-16.63
Septoplasty or Submucous Resection.....	825	0.79	235.58	0.80	-8.65
Electroconvulsive Therapy.....	818	0.16	23.44	0.79	-37.30
Salpingectomy, Oophorectomy and/or Ovarian Cystectomy.....	557	1.05 ^f	320.10 ^f	1.07 ^f	-8.96
Strabismus Operation.....	224	0.21	88.44	0.22	-5.75
Peptic Ulcer Surgery.....	202	0.18	104.48	0.20	0.37

^f Rate per 1,000 female beneficiaries.^m Rate per 1,000 male beneficiaries.

Table 17**Patients, Services and Payments for Selected In-Province Medical Conditions**

Conditions	I.C.D. *	Number of Services (000'S)	Rate Per 1,000 Beneficiaries		
			Patients	Payments	Services
General Medical Examination - No Specific Diagnosis.....	V70	495	195.8	8,875	480
Acute Upper Respiratory Infection (Except Influenza).....	460 - 465	477	244.0	8,682	462
Hypertension.....	401 - 405	280	85.3	5,765	272
Diseases Affecting Genitourinary Tract.....	580 - 599, 788	272	73.3	6,843	263
Ischaemic Heart Disease.....	410 - 414	220	28.4	8,082	213
Otitis Media.....	381 & 382	186	76.4	3,467	181
Chronic Sinusitis & Other Respiratory Symptoms.....	473 & 786	182	74.3	4,505	177
Rheumatic Disease.....	725 - 729	177	92.1	4,245	172
Bronchitis.....	466, 490 & 491	172	93.6	3,182	167
Asthma.....	493	159	37.8	2,325	154
Diabetes Mellitus.....	250	158	29.6	2,977	153
Arthritis.....	710 - 716	146	50.9	4,298	141
Psychoses.....	295 - 299	136	14.0	3,394	132
Eczema.....	690 - 692	130	63.3	2,082	126
Neuroses.....	300	126	47.7	2,678	122
Symptomatic Heart Disease.....	428 & 429	103	17.2	2,163	99
Cataract.....	366	99	20.6	5,724	96
Vertebral Pain Syndrome.....	724	98	47.3	2,271	95
Hay Fever.....	477	83	11.1	568	81
Disorders of Menstruation.....	Z08^ & 626	80	61.7 †	3,350 †	155 †
Cerebrovascular Disease.....	430 - 438	79	10.1	1,717	76
Pneumonia.....	480 - 486	78	18.0	1,537	75
Diarrheal Disease.....	009	74	37.0	1,556	71
Cardiac Arrhythmias.....	427	72	15.8	1,856	70
Glaucoma.....	365	69	14.1	1,463	67
Infective Disease of Uterus (Except Cervix),					
Vagina, and Vulva.....	615 & 616	65	51.0 †	2,491 †	125 †
Cellulitis and Abscess.....	681 & 682	57	26.8	1,141	55
Anaemias.....	280 - 285	49	15.3	1,012	47
Chronic Airways Obstruction.....	496	49	8.7	1,023	47
Gastritis and Duodenitis.....	535	41	22.6	851	40
Myxedema.....	244	37	18.6	769	36
Menopausal Symptoms.....	627	35	33.8 †	1,480 †	68 †
Influenza.....	487	34	24.3	598	33
Migraine.....	346	34	13.5	710	33
Alzheimer's Disease and Other Cerebral Degenerations.....	331	28	2.4	450	28
Disorders of Functions of Stomach.....	536 & 537	20	11.9	455	19
Varicose Veins of Lower Extremity.....	454	20	4.2	443	19
Hyperkinetic Syndrome of Childhood (ADHD).....	314	18	4.8	432	18
Alcoholic Psychosis and Alcoholism.....	291 & 303	15	4.2	318	14
Obesity.....	278	14	6.0	336	13
Epilepsy.....	345	14	4.2	319	14
Ulcers of Duodenum and Stomach.....	531 - 534	13	7.0	337	13
Multiple Sclerosis.....	340	11	1.6	244	10

* Ninth Revision International Classification of Diseases, 1977.

† MSP internally assigned code for the identification of a specific condition which is grouped within a general category in the I.C.D.

‡ Rate per 1,000 female beneficiaries.

Note: MSP records only one diagnosis of symptoms per claim even though the patient may have more than one condition.

Table 18
Turnover of Physicians

	General Practitioners		Specialists		All Physicians	
	Number	Per Cent Turnover	Number	Per Cent Turnover	Number	Per Cent Turnover
Practising in 1993-94*	722		436		1,158	
		9.3		6.7		8.3
Still Practising in 1994-95**	655		407		1,062	
Practising in 1994-95*	739		450		1,189	
		12.2		10.7		11.6
Still Practising in 1995-96**	649		402		1,051	
Practising in 1995-96*	707		439		1,146	
		12.3		7.5		10.5
Still Practising in 1996-97**	620		406		1,026	
Practising in 1996-97*	695		453		1,148	
		10.1		8.8		9.6
Still Practising in 1997-98**	625		413		1,038	
Practising in 1997-98*	688		451		1,139	
		8.9		8.4		8.7
Still Practising in 1998-99**	627		413		1,040	
Practising in 1998-99*	716		451		1,167	

* Physicians receiving \$10,000 or more in the fourth quarter and practising in Saskatchewan at the end of the fiscal year.

** Physicians receiving \$10,000 or more in the fourth quarter of two consecutive years and practising in Saskatchewan at the end of both fiscal years.

Note: The net number of physicians who entered practice in 1998-99 was 127, the difference between "Practising" (1,167) and "Still Practising" (1,040).

Table 19**Practitioners in Relation to Population and Practice Size**

Type of Practitioner*	Number of Practitioners		Population Per Practitioner (000's)		Average Number of Patients Per Practitioner^ (000's)		Average Patient Contacts Per Practitioner- (000's)		Per Cent of Beneficiaries Treated	
	1997-98	1998-99	1997-98	1998-99	1997-98	1998-99	1997-98	1998-99	1997-98	1998-99
General Practitioners'	679	707	1.5	1.5	2.7	2.7	7.3	7.1	82.1	81.7
Specialists'										
Paediatricians and Medical Geneticists.....	32	35	31.9	29.5	1.4	1.4	3.3	3.1	3.7	3.7
Internists and Psychiatrists....	73	75	14.0	13.8	1.6	1.6	4.1	4.3	8.7	9.0
Neurologists.....	10	10	102.0	103.2	2.4	2.4	3.6	3.7	2.3	2.2
Cardiologists.....	20	19	51.0	54.3	3.5	3.9	4.5	4.6	5.2	5.3
Psychiatrists.....	29	30	35.2	34.4	0.6	0.6	3.4	3.2	1.4	1.4
Dermatologists.....	7	3	145.8	344.0	3.0	4.4	6.3	9.5	2.0	1.6
Anaesthetists.....	57	60	17.9	17.2	1.1	1.1	1.2	1.2	5.0	5.0
General Surgeons.....	53	49	19.3	21.1	1.2	1.3	2.8	2.8	5.8	5.8
Cardiac Surgeons.....	6	6	170.1	172.0	0.6	0.6	0.9	1.0	0.3	0.3
Orthopaedic Surgeons.....	24	23	42.5	44.9	1.7	1.6	3.0	2.9	3.9	3.6
Plastic and Reconstructive Surgeons...	15	14	68.0	73.7	1.3	1.5	2.2	2.4	1.9	1.9
Neurological Surgeons.....	7	5	145.8	206.4	1.0	1.2	1.9	2.2	0.7	0.6
Obstetricians and Gynaecologists.....	33	36	30.9	28.7	1.5	1.5	3.5	3.5	3.9	4.3
Urological Surgeons.....	15	15	68.0	68.8	1.8	1.9	3.1	3.3	2.2	2.3
Ophthalmologists.....	23	23	44.4	44.9	2.7	2.7	6.2	6.1	5.7	5.8
Otolaryngologists.....	10	9	102.0	114.7	3.5	4.0	7.4	8.1	3.3	3.3
Pathologists and Diagnostic Radiologists....	38	39	26.9	26.5	5.5	5.8	0.3	0.3	17.2	17.8
All Specialists'	452	451	2.3	2.3	1.9	2.0	3.1	3.1	39.6	39.9
All Physicians'	1,131	1,158	0.9	0.9	2.4	2.4	5.6	5.6	84.0	83.6
Registered Physicians"	1,457	1,502	0.7	0.7	--	--	--	--	--	--
Optometrists'	26	29	39.2	35.6	1.4	1.5	1.5	1.5	8.5	9.0
Registered Optometrists"	112	116	9.1	8.9	--	--	--	--	--	--
Chiropractors'	100	93	10.2	11.1	1.2	1.1	6.5	6.2	10.6	9.8
Registered Chiropractors"	149	152	6.8	6.8	--	--	--	--	--	--

* Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

^ The size of practice is the number of different persons on whose behalf a claim was paid during the year.

- A patient contact represents each time a practitioner saw a patient professionally regardless of the number of services provided at the time. The limit is one contact per patient, same doctor, same date of service. X-ray, ultrasound and laboratory services, and any professional interpretations of procedures are not considered to be patient contacts.

^ Practitioners receiving \$40,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

" Registered Practitioners: Resident Saskatchewan Physicians, Optometrists and Chiropractors as shown by the Medical Services Plan.

Table 20
Practitioners by Size of Practice

Type of Practitioner*	Number of Practitioners^	Size of Practice by Range of Patients-							
		Less than 500	500-1,000	1,001-1,500	1,501-2,000	2,001-2,500	2,501-3,000	3,001-3,500	More than 3,500
General Practitioners									
Metro Association.....	274	2	11	45	41	42	39	22	72
Metro Solo.....	69	8	5	13	16	5	4	5	13
Urban Association.....	94	1	6	9	13	11	12	9	33
Urban Solo.....	54	2	2	11	6	9	9	6	9
Rural Association.....	142	1	6	15	22	34	28	16	20
Rural Solo.....	74	1	5	17	21	10	13	2	5
All General Practitioners 1998-99.....	707	15	35	110	119	111	105	60	152
All General Practitioners 1997-98.....	679	12	28	98	121	115	102	77	126
Specialists									
Paediatricians and Medical Geneticists.....	35	2	10	10	6	4	--	3	--
Internists and Psychiatrists.....	75	13	22	5	8	9	12	1	5
Neurologists.....	10	--	1	2	2	2	--	--	3
Cardiologists.....	19	--	--	1	3	--	1	1	13
Psychiatrists.....	30	19	6	4	1	--	--	--	--
Dermatologists.....	3	--	--	--	--	--	--	1	2
Anaesthetists.....	60	4	22	27	5	1	1	--	--
General Surgeons.....	49	5	11	13	17	2	--	--	1
Cardiac Surgeons.....	6	2	4	--	--	--	--	--	--
Orthopaedic Surgeons.....	23	1	2	7	7	5	--	1	--
Plastic and Reconstructive Surgeons.....	14	1	3	3	5	1	1	--	--
Neurological Surgeons.....	5	1	1	2	--	1	--	--	--
Obstetricians and Gynaecologists.....	36	1	11	4	10	9	--	--	1
Urological Surgeons.....	15	1	--	4	5	2	1	--	2
Ophthalmologists.....	23	1	2	--	2	5	2	6	5
Otolaryngologists.....	9	--	--	--	2	--	1	1	5
Pathologists and Diagnostic Radiologists.....	39	2	3	1	2	3	3	2	23
All Specialists 1998-99.....	451	53	98	83	75	44	22	16	60
All Specialists 1997-98.....	452	49	92	96	83	44	21	13	54
All Physicians 1998-99.....	1,158	68	133	193	194	155	127	76	212
All Physicians 1997-98.....	1,131	61	120	194	204	159	123	90	180
Optometrists 1998-99.....	29	--	--	21	5	2	--	--	1
Optometrists 1997-98.....	26	--	--	20	5	--	--	--	1
Chiropractors 1998-99.....	93	4	45	31	9	3	1	--	--
Chiropractors 1997-98.....	100	2	43	38	12	4	--	1	--

* Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

^ Practitioners receiving \$40,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

- The size of practice is the number of different persons on whose behalf a claim was paid during the year.

Table 21
Practitioners by Range of Patient Contacts

Type of Practitioner*	Number of Practitioners^	Range of Patient Contacts~						
		1-2,000	2,001-4,000	4,001-6,000	6,001-8,000	8,001-10,000	10,001-12,000	Over 12,000
General Practitioners								
Metro Association.....	274	10	74	60	63	31	19	17
Metro Solo.....	69	12	13	16	9	8	6	5
Urban Association.....	94	10	10	11	19	20	14	10
Urban Solo.....	54	10	11	7	4	6	5	11
Rural Association.....	142	3	31	17	26	26	16	23
Rural Solo.....	74	2	8	11	14	17	7	15
All General Practitioners 1998-99.....	707	47	147	122	135	108	67	81
All General Practitioners 1997-98.....	679	33	124	129	139	111	60	83
Specialists								
Paediatricians and Medical Geneticists....	35	16	11	4	2	1	1	--
Internists and Physiatrists.....	75	21	29	4	13	1	2	5
Neurologists.....	10	1	6	2	1	--	--	--
Cardiologists.....	19	2	8	6	1	2	--	--
Psychiatrists.....	30	13	8	6	--	2	--	1
Dermatologists.....	3	--	--	--	1	--	2	--
Anaesthetists.....	60	57	3	--	--	--	--	--
General Surgeons.....	49	14	27	7	1	--	--	--
Cardiac Surgeons.....	6	6	--	--	--	--	--	--
Orthopaedic Surgeons.....	23	4	16	2	1	--	--	--
Plastic and Reconstructive Surgeons.....	14	6	7	1	--	--	--	--
Neurological Surgeons.....	5	3	1	1	--	--	--	--
Obstetricians and Gynaecologists.....	36	7	17	9	3	--	--	--
Urological Surgeons.....	15	1	11	3	--	--	--	--
Ophthalmologists.....	23	3	2	5	6	6	--	1
Otolaryngologists.....	9	--	1	1	3	1	2	1
Pathologists and Diagnostic Radiologists.....	39	39	--	--	--	--	--	--
All Specialists 1998-99.....	451	193	147	51	32	13	7	8
All Specialists 1997-98.....	452	191	145	56	33	15	6	6
All Physicians 1998-99.....	1,158	240	294	173	167	121	74	89
All Physicians 1997-98.....	1,131	224	269	185	172	126	66	89
Optometrists 1998-99.....	29	26	2	1	--	--	--	--
Optometrists 1997-98.....	26	25	1	--	--	--	--	--
Chiropractors 1998-99.....	93	--	8	36	36	8	5	--
Chiropractors 1997-98.....	100	--	4	40	35	14	6	1

* Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

^ Practitioners receiving \$40,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

~ A patient contact represents each time the practitioner saw a patient professionally regardless of the number of services provided at the time. The limit is one contact per patient, same doctor, same date of service. X-ray, ultrasound and laboratory services and any professional interpretations of procedures are not considered to be patient contacts.

Table 22
Practitioners by Place of Graduation*

Type of Practitioner ^A	Number of Practitioners-	Canada		U.S.A., Central and South America	United Kingdom and Eire	Continental Europe			Asia	Africa	Australia
		Sask.	Other Prov.			Asia	Africa	Australia			
General Practitioners											
Metro Association.....	274	143	23	5	34	6	38	25	--	--	
Metro Solo.....	69	22	3	3	20	4	11	6	--	--	
Urban Association.....	94	27	3	1	16	--	11	36	--	--	
Urban Solo.....	54	11	1	1	14	1	13	13	--	--	
Rural Association.....	142	44	7	--	15	1	8	66	1		
Rural Solo.....	74	7	3	1	21	--	7	35	--	--	
All General Practitioners 1998-99.....	707	254	40	11	120	12	88	181	1		
All General Practitioners 1997-98.....	679	241	43	10	123	14	88	159	1		
Specialists											
Paediatricians and											
Medical Geneticists.....	35	10	9	3	5	--	7	1	--	--	
Internists and Physiatrists.....	75	26	17	3	6	3	10	10	--	--	
Neurologists.....	10	2	1	1	2	--	3	1	--	--	
Cardiologists.....	19	7	2	1	--	3	4	2	--	--	
Psychiatrists.....	30	8	4	1	5	--	11	1	--	--	
Dermatologists.....	3	2	--	--	--	--	--	1	--	--	
Anaesthetists.....	60	29	15	--	6	1	6	3	--	--	
General Surgeons.....	49	19	12	1	6	--	8	3	--	--	
Cardiac Surgeons.....	6	--	3	2	1	--	--	--	--	--	
Orthopaedic Surgeons.....	23	10	5	--	3	--	2	3	--	--	
Plastic and Reconstructive Surgeons.....	14	8	4	--	--	--	1	1	--	--	
Neurological Surgeons.....	5	--	1	--	--	1	2	1	--	--	
Obstetricians and Gynaecologists.....	36	14	5	1	2	4	2	8	--	--	
Urological Surgeons.....	15	5	6	--	1	--	--	2	1		
Ophthalmologists.....	23	11	2	2	3	--	--	5	--	--	
Otolaryngologists.....	9	7	--	--	--	--	2	--	--	--	
Pathologists and											
Diagnostic Radiologists.....	39	18	9	--	5	--	3	3	1		
All Specialists 1998-99.....	451	176	95	15	45	12	61	45	2		
All Specialists 1997-98.....	452	166	95	15	46	16	68	45	1		
All Physicians 1998-99.....	1,158	430	135	26	165	24	149	226	3		
All Physicians 1997-98.....	1,131	407	138	25	169	30	156	204	2		
Optometrists 1998-99.....	29	--	24	5	--	--	--	--	--		
Optometrists 1997-98.....	26	--	22	4	--	--	--	--	--		
Chiropractors 1998-99.....	93	--	80	13	--	--	--	--	--		
Chiropractors 1997-98.....	100	--	90	10	--	--	--	--	--		

- * The place of graduation is the location at which the first medical, optometric, or chiropractic degree was obtained.
- ^A Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.
- Practitioners receiving \$40,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

Table 23
Practitioners by Age Group

Type of Practitioner*	Number of Practitioners^	Age Group				
		Under 35	35-44	45-54	55-64	65+
General Practitioners						
Metro Association.....	274	31	85	94	44	20
Metro Solo.....	69	2	9	19	20	19
Urban Association.....	94	20	27	27	13	7
Urban Solo.....	54	4	11	15	18	6
Rural Association.....	142	40	33	40	22	7
Rural Solo.....	74	18	20	11	10	15
All General Practitioners 1998-99.....	707	115	185	206	127	74
All General Practitioners 1997-98.....	679	109	183	189	126	72
Specialists						
Paediatricians and Medical Geneticists.....	35	2	11	12	7	3
Internists and Physiatrists.....	75	6	16	29	20	4
Neurologists.....	10	--	2	4	4	--
Cardiologists.....	19	2	7	6	2	2
Psychiatrists.....	30	--	8	8	10	4
Dermatologists.....	3	--	1	1	1	--
Anaesthetists.....	60	5	32	17	5	1
General Surgeons.....	49	--	20	8	12	9
Cardiac Surgeons.....	6	--	2	3	1	--
Orthopaedic Surgeons.....	23	1	10	8	1	3
Plastic and Reconstructive Surgeons.....	14	2	6	4	--	2
Neurological Surgeons.....	5	--	1	2	--	2
Obstetricians and Gynaecologists.....	36	4	14	14	2	2
Urological Surgeons.....	15	--	6	3	5	1
Ophthalmologists.....	23	3	12	4	3	1
Otolaryngologists.....	9	1	3	2	3	--
Pathologists and Diagnostic Radiologists.....	39	5	16	12	4	2
All Specialists 1998-99.....	451	31	167	137	80	36
All Specialists 1997-98.....	452	30	171	133	80	38
All Physicians 1998-99.....	1,158	146	352	343	207	110
All Physicians 1997-98.....	1,131	139	354	322	206	110
Optometrists 1998-99.....	29	10	13	5	1	--
Optometrists 1997-98.....	26	8	12	4	1	1
Chiropractors 1998-99.....	93	37	32	16	5	3
Chiropractors 1997-98.....	100	39	34	16	7	4

* Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

^ Practitioners receiving \$40,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

Table 24**Average Payment *(000'S) Per Resident Practitioner^A by Specialty and Range of Paid Amount**

	Type of Practitioner-							
	All Physicians		General Practitioners					
	Average Payment	Number	Average Payment	Number	Average Payment	Number	Average Payment	Number
Practitioners".....	217.9	1,158	148.4	343	221.1	148	216.8	216
Highest Paid.....	1,721.2		385.3		806.8		609.6	
Less than \$ 40,000.....	16.4	146	18.3	58	23.7	11	11.8	27
\$ 40,000 - \$ 59,999.....	50.7	67	50.6	33	45.5	6	52.5	9
\$ 60,000 - \$ 79,999.....	70.6	87	70.3	38	70.2	8	70.7	17
\$ 80,000 - \$ 99,999.....	90.6	82	91.6	29	87.8	15	92.0	10
\$100,000 - \$119,999.....	110.6	73	109.4	36	112.3	6	112.8	12
\$120,000 - \$139,999.....	129.1	78	129.2	34	129.8	7	127.1	12
\$140,000 - \$159,999.....	149.5	89	149.7	32	149.0	9	150.5	12
\$160,000 - \$179,999.....	169.3	69	168.7	32	172.7	6	168.3	10
\$180,000 - \$199,999.....	189.2	92	188.6	32	187.3	9	189.2	18
Over \$200,000.....	335.6	521	251.5	77	304.0	82	297.0	116
Total.....	195.3	1,304	129.6	401	207.5	159	194.0	243
Neurologists		Psychiatrists		Dermatologists		Anaesthetists		
Average Payment	Number	Average Payment	Number	Average Payment	Number	Average Payment	Number	
Practitioners".....	233.3	10	193.4	30	321.7	3	188.0	60
Highest Paid.....	466.6		548.6		374.0		457.4	
Less than \$ 40,000.....	17.6	2	21.1	7	--	--	33.8	3
\$ 40,000 - \$ 59,999.....	--	--	48.9	3	--	--	58.3	1
\$ 60,000 - \$ 79,999.....	--	--	--	--	--	--	--	--
\$ 80,000 - \$ 99,999.....	--	--	87.3	2	--	--	86.6	3
\$100,000 - \$119,999.....	117.8	1	112.6	6	--	--	117.3	2
\$120,000 - \$139,999.....	127.2	2	130.5	5	--	--	129.7	7
\$140,000 - \$159,999.....	152.7	2	151.0	2	--	--	151.1	12
\$160,000 - \$179,999.....	161.9	2	162.5	1	--	--	173.5	4
\$180,000 - \$199,999.....	--	--	194.9	2	--	--	189.9	12
Over \$200,000.....	444.0	3	366.4	9	321.7	3	265.0	19
Total.....	197.4	12	160.8	37	321.7	3	180.7	63
Obstetricians and Gynaecologists		Urological Surgeons		Ophthalmologists		Otolaryngologists		
Average Payment	Number	Average Payment	Number	Average Payment	Number	Average Payment	Number	
Practitioners".....	260.4	36	282.6	15	471.3	23	432.7	9
Highest Paid.....	456.5		651.4		1,075.0		669.2	
Less than \$ 40,000.....	--	--	9.3	1	0.3	4	--	--
\$ 40,000 - \$ 59,999.....	--	--	--	--	52.9	2	--	--
\$ 60,000 - \$ 79,999.....	69.1	1	--	--	79.9	1	--	--
\$ 80,000 - \$ 99,999.....	94.4	4	80.0	1	--	--	--	--
\$100,000 - \$119,999.....	107.1	1	--	--	--	--	--	--
\$120,000 - \$139,999.....	132.3	3	--	--	--	--	--	--
\$140,000 - \$159,999.....	153.3	2	146.9	1	--	--	152.0	1
\$160,000 - \$179,999.....	--	--	--	--	175.3	1	--	--
\$180,000 - \$199,999.....	189.4	3	--	--	--	--	--	--
Over \$200,000.....	343.1	22	308.7	13	551.5	19	467.7	8
Total.....	260.4	36	265.5	16	401.5	27	432.7	9

* Represents gross payments by the Medical Services Plan from which the practitioners must pay overhead costs which may be high in specialties such as Radiology and Pathology. The MSP payments should not be taken to represent total professional income since the practitioners may receive payments from other sources, e.g. from other public or private agencies, from patients requesting services not covered by MSP. Average payments to general practitioners reflect an upward bias as a result of physicians sponsoring locums.

^A Includes Physicians, Optometrists and Chiropractors resident in Saskatchewan at the end of the year.

Table 24
(Continued)

All General Practitioners		Type of Practitioner-					
		Paediatricians and Medical Geneticists		Internists and Psychiatrists		Cardiologists	
Average Payment	Number	Average Payment	Number	Average Payment	Number	Average Payment	Number
184.5	707	270.2	451	144.4	35	224.0	75
806.8		1,721.2		359.5		893.9	
17.1	96	15.0	50	12.7	7	11.4	13
50.3	48	51.7	19	47.8	2	51.3	6
70.4	63	71.3	24	73.8	5	70.9	11
90.6	54	90.4	28	89.9	7	92.0	8
110.5	54	111.1	19	106.5	6	118.6	1
128.8	53	129.7	25	--	--	130.4	3
149.8	53	149.1	36	146.0	3	147.8	5
169.1	48	169.7	21	160.5	1	170.8	4
188.6	59	190.4	33	188.6	5	191.2	2
286.4	275	390.6	246	296.5	6	361.7	35
164.5	803	244.8	501	122.4	42	192.6	88
General Surgeons		Cardiac Surgeons		Orthopaedic Surgeons		Plastic and Reconstructive Surgeons	
Average Payment	Number	Average Payment	Number	Average Payment	Number	Average Payment	Number
264.8	49	563.7	6	271.1	23	229.6	14
499.7		721.8		708.1		453.7	
31.1	4	--	--	21.5	2	--	--
56.4	2	--	--	59.0	1	50.3	1
66.2	2	--	--	71.9	1	--	--
90.2	2	--	--	--	--	94.6	1
--	--	--	--	--	--	111.4	1
129.9	3	--	--	123.4	1	127.3	1
146.5	3	--	--	148.5	1	--	--
172.7	1	--	--	162.8	1	--	--
191.6	4	--	--	193.7	3	182.3	1
337.0	32	563.7	6	339.3	15	294.3	9
247.2	53	563.7	6	251.1	25	229.6	14
Pathologists and Diagnostic Radiologists		Optometrists		Chiropractors			
Average Payment	Number	Average Payment	Number	Average Payment	Number		
401.1	39	56.4	29	68.2	93		
1,721.2		149.1		131.4			
7.2	5	23.7	80	24.4	57		
--	--	48.6	22	49.5	39		
69.7	3	61.4	4	71.7	34		
--	--	85.6	2	90.0	14		
106.6	1	--	--	111.3	3		
--	--	--	--	126.2	3		
145.2	3	149.1	1	--	--		
170.3	5	--	--	--	--		
189.5	1	--	--	--	--		
532.7	26	--	--	--	--		
356.4	44	32.4	109	51.5	150		

- Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.
- Practitioners receiving \$40,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

Table 25
Average Payment Per Practitioner by Specialty, 1993-94 to 1998-99

Type of Practitioner*	Average Payment [^] (000'S)					Average Annual Per Cent Change 1993-94 to 1998-99	
	1993-94	1994-95	1995-96	1996-97	1997-98		
General Practitioners							
Metro Association.....	141.8	138.6	136.6	145.9	145.5	146.4	0.69
Metro Solo.....	154.2	146.3	147.7	153.5	155.9	156.4	0.33
Urban Association.....	191.7	184.8	185.4	213.9	206.8	217.2	2.76
Urban Solo.....	182.3	188.1	196.2	206.2	216.8	227.9	4.57
Rural Association.....	168.5	168.7	174.9	198.1	208.2	215.1	5.09
Rural Solo.....	176.2	165.7	168.9	192.4	187.5	219.9	4.92
All General Practitioners	162.6	158.6	160.5	175.3	176.5	184.5	2.64
Specialists							
Paediatricians and Medical Geneticists...	143.4	150.3	144.6	157.4	150.9	144.4	0.29
Internists and Physiatrists.....	180.3	200.9	193.9	209.7	205.2	224.0	4.62
Cardiologists.....	383.4	344.2	393.5	460.8	419.9	446.4	3.73
Neurologists.....	190.2	180.0	197.1	213.2	226.1	233.3	4.31
Psychiatrists.....	182.5	197.6	183.2	183.2	190.7	193.4	1.30
Dermatologists.....	197.6	208.0	200.5	206.3	215.5	321.7	11.66
Anaesthetists.....	188.8	189.2	177.2	193.1	187.2	188.0	0.04
General Surgeons.....	218.0	211.1	211.9	231.8	245.6	264.8	4.08
Cardiac Surgeons.....	402.7	462.8	497.5	450.4	476.8	563.7	7.41
Orthopaedic Surgeons.....	265.0	270.9	298.7	316.8	286.9	271.1	0.72
Plastic and Reconstructive Surgeons.....	229.7	219.9	212.9	220.1	212.4	229.6	0.11
Neurological Surgeons.....	244.4	284.3	294.8	236.2	260.1	273.1	3.05
Obstetricians and Gynaecologists.....	278.5	247.6	280.0	282.6	270.3	260.4	-1.02
Urological Surgeons.....	279.0	259.3	258.1	276.4	257.0	282.6	0.50
Ophthalmologists.....	458.7	399.3	441.0	437.9	455.3	471.3	0.86
Otolaryngologists.....	374.8	376.2	390.8	397.3	389.2	432.7	3.01
Pathologists and Diagnostic Radiologists.....	473.4	391.4	331.0	346.8	366.2	401.1	-2.57
All Specialists	254.2	246.3	246.1	259.2	258.8	270.2	1.28
Spec. less Pathologists & Radiologists.....	233.6	234.3	238.0	250.8	249.0	257.9	2.02
All Physicians	197.5	191.4	193.4	208.1	209.4	217.9	2.05
Phys. less Pathologists & Radiologists.....	188.2	185.5	188.6	203.2	204.0	211.5	2.41
Optometrists	56.1	57.2	53.3	54.9	52.5	56.4	0.24
Chiropractors	70.0	68.9	67.4	67.7	69.3	68.2	-0.51

* Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

Practitioners receiving \$40,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

[^] Represents gross payments by the MSP from which the practitioner must pay overhead costs which may be high in specialties such as Radiology and Pathology. The MSP payment should not be taken to represent total professional income since practitioners may receive payment from other sources, e.g. from other public or private agencies, from patients requesting services not covered by MSP. Average payments to general practitioners may reflect an upward bias as a result of physicians sponsoring locums.

Notes: 1) The two additional weeks of processed claims in 1996-97 may not provide accurate year over year comparison.

2) Pathology services are now the responsibility of District Health Boards. As a result, there is very little that is now paid for on a fee-for-service basis.

Table 26**Physician Payments (000's) by Specialty Group**

	General Practitioners		Medical Specialists*		Surgical Specialists*		Technical Specialists*	
	Average Number	Average Payment	Average Number	Average Payment	Average Number	Average Payment	Average Number	Average Payment
A. By Resident Community:								
Regina	154	155.0	41	337.9	62	333.5	33	308.6
Saskatoon-.....	189	143.1	114	184.7	91	308.1	60	255.3
Moose Jaw.....	29	201.6	3	289.1	6	279.2	--	--
Prince Albert.....	50	199.4	5	291.5	8	239.7	4	288.8
Yorkton.....	14	242.4	4	266.7	4	341.2	--	--
Swift Current.....	11	329.1	3	226.0	5	266.4	--	--
North Battleford.....	20	234.2	--	--	1	--	1	--
Estevan.....	12	241.3	--	--	--	--	--	--
Weyburn.....	11	181.3	--	--	--	--	--	--
All Other Locations.....	217	217.3	2	--	3	122.4	1	--
B. By Activity Threshold:								
1. Resident at Year End and No Change in Location During Year^.....	678	186.8	170	229.3	179	308.8	98	274.0
2. Resident Full Year^.....	655	189.9	164	237.0	175	314.6	94	279.3
3. Resident and Active in Two Consecutive Years^.....	624	194.4	157	243.3	170	319.7	90	283.3
4. Resident During Any Portion of the Year and Earning \$40,000 or More..	737	181.2	179	224.6	188	301.2	102	267.9
5. Person-Year Equivalents and Earning \$40,000 or More*.....	706.1	189.2	174.8	230.0	183.7	308.2	99.4	275.0
6. Resident at Year End With Payments of \$10,000 or More in Each Quarter of the Year.....	616	198.9	152	250.7	165	327.8	90	287.2
7. Resident at Year End and Not in Teaching Institutions^.....	688	186.4	103	283.4	145	320.7	74	317.2
C. By Place of Graduation: ^								
Saskatchewan.....	254	166.4	55	202.7	74	326.8	47	284.6
Canada, Other Than Saskatchewan.....	40	135.5	33	141.0	38	253.3	24	193.3
United Kingdom and Eire.....	120	192.1	18	208.9	16	355.7	11	403.7
Asia.....	88	188.6	35	304.7	17	277.3	9	331.1
Africa.....	181	216.8	16	288.9	23	334.9	6	180.8
Other Areas.....	24	162.1	15	305.7	12	300.4	2	--
D. By Age Group: ^								
Under 35.....	115	171.2	10	145.6	11	205.0	10	193.0
35 - 44.....	185	189.5	45	197.5	74	345.0	48	210.0
45 - 54.....	206	195.5	60	260.2	48	312.2	29	345.9
55 - 64.....	127	186.8	44	232.6	27	327.6	9	378.2
65 +	74	158.5	13	249.4	20	195.1	3	493.6

* Physicians are grouped as follows:

- . Medical Specialists include Paediatricians, Internists, Neurologists, Cardiologists, Psychiatrists, Dermatologists, Physiatrists, and Medical Geneticists.
- . Surgical Specialists include General Surgeons, Thoracic Surgeons, Orthopaedic Surgeons, Plastic and Reconstructive Surgeons, Neurological Surgeons, Obstetricians and Gynaecologists, Urological Surgeons, Ophthalmologists and Otolaryngologists.
- . Technical Specialists include Anaesthetists, Pathologists and Diagnostic Radiologists.

^ Physicians receiving \$40,000 or more in MSP payments during the year and practising in Saskatchewan at the end of the year.

- Includes physicians who practise out of teaching institutions. Average payments may reflect a downward bias as a result.

* Person-year equivalents are prorated on the number of months in practice.

** Not shown, to preserve confidentiality.

Table 27
Insured Population by Age and Sex by District

Age Groups	Sex	District																	
		1	2	3	4	5	6	7	8	Moose Jaw/	Thunder Creek	Swift Current	North Valley	Qu'Appelle	Touchwood	East Central	Living Sky	Mid-west	Prairie West
		South-east	South Central	South Country	Rolling Hills	South-west	Moose Mountain	Pipe-stone	Regina										
Under 1	M	154	84	46	55	78	64	106	1,216	205	115	63	67	164	54	71	69		
	F	169	106	46	59	68	79	100	1,129	221	115	49	83	112	71	92	91		
	T	323	190	92	114	146	143	206	2,345	426	230	112	150	276	125	163	160		
1 - 4	M	763	485	233	262	350	314	497	5,750	1,138	495	274	393	590	261	400	386		
	F	644	484	239	229	373	292	477	5,396	1,074	506	266	386	623	254	371	379		
	T	1,407	969	472	491	723	606	974	11,146	2,212	1,001	540	779	1,213	515	771	765		
5 - 9	M	966	717	399	368	588	437	786	7,924	1,660	670	446	698	1,013	434	600	579		
	F	897	685	350	375	560	456	727	7,661	1,508	658	420	652	972	402	573	531		
	T	1,863	1,402	749	743	1,148	893	1,513	15,585	3,168	1,328	866	1,350	1,985	836	1,173	1,110		
10 - 14	M	954	764	464	452	626	532	803	8,112	1,894	729	521	706	1,106	516	737	659		
	F	927	742	463	422	614	494	800	7,627	1,695	684	519	675	1,100	499	762	632		
	T	1,881	1,506	927	874	1,240	1,026	1,603	15,739	3,589	1,413	1,040	1,381	2,206	1,015	1,499	1,291		
15 - 19	M	1,072	803	540	509	646	616	931	8,120	1,838	743	597	664	1,166	587	802	647		
	F	995	769	499	467	563	522	823	7,633	1,767	792	628	645	1,173	536	704	539		
	T	2,067	1,572	1,039	976	1,209	1,138	1,754	15,753	3,605	1,535	1,225	1,309	2,339	1,123	1,506	1,186		
20 - 24	M	979	710	397	374	469	503	681	7,803	1,531	700	495	550	1,072	481	638	506		
	F	843	585	322	352	419	409	557	7,652	1,565	673	445	437	924	398	552	467		
	T	1,822	1,295	719	726	888	912	1,238	15,455	3,096	1,373	940	987	1,996	879	1,190	973		
25 - 29	M	814	553	260	271	392	364	529	7,457	1,280	614	333	430	792	358	498	455		
	F	692	550	227	231	384	336	501	7,368	1,299	638	301	419	788	278	394	401		
	T	1,506	1,103	487	502	756	700	1,030	14,825	2,579	1,252	634	849	1,580	636	892	856		
30 - 34	M	941	611	293	279	432	382	578	8,318	1,315	665	406	453	881	363	481	469		
	F	884	588	316	312	449	353	591	8,229	1,472	648	412	449	883	348	431	454		
	T	1,805	1,199	609	591	881	735	1,169	16,547	2,787	1,313	818	902	1,764	711	912	923		
35 - 39	M	1,052	771	460	440	646	463	699	9,316	1,771	776	500	506	1,050	470	621	617		
	F	989	727	425	424	604	434	688	9,311	1,870	818	509	506	1,073	493	609	593		
	T	2,041	1,498	885	864	1,250	897	1,387	18,627	3,641	1,594	1,009	1,012	2,123	963	1,230	1,210		
40 - 44	M	1,033	796	492	472	643	510	681	8,841	1,824	777	596	518	1,099	566	758	670		
	F	889	789	434	417	604	481	707	8,887	1,818	772	491	478	1,092	521	691	540		
	T	1,922	1,565	926	889	1,247	991	1,388	17,728	3,642	1,549	1,087	996	2,191	1,087	1,449	1,210		
45 - 49	M	807	621	418	377	487	431	651	7,208	1,484	651	471	482	1,026	505	635	478		
	F	734	571	355	343	439	395	636	7,204	1,453	617	470	452	959	442	554	416		
	T	1,541	1,192	773	720	926	826	1,287	14,412	2,937	1,268	941	934	1,985	947	1,189	894		
50 - 54	M	658	519	326	322	401	358	555	5,749	1,250	532	441	412	801	423	510	366		
	F	635	501	324	293	371	354	523	5,692	1,191	543	439	443	861	350	514	356		
	T	1,293	1,020	650	615	772	712	1,078	11,441	2,441	1,075	880	855	1,662	773	1,024	722		
55 - 59	M	457	448	269	257	346	319	432	4,311	879	463	406	362	748	353	408	309		
	F	489	453	275	269	353	297	467	4,460	956	467	371	373	772	335	371	288		
	T	946	901	544	526	699	616	899	8,771	1,835	930	777	735	1,520	688	779	597		
60 - 64	M	509	444	235	289	361	289	454	3,717	958	393	374	328	700	305	366	287		
	F	485	484	271	284	344	268	421	3,957	936	456	391	341	753	328	395	300		
	T	974	928	506	573	705	557	875	7,674	1,894	849	765	669	1,453	633	761	587		
65 - 69	M	517	474	333	293	357	333	495	3,434	942	427	402	333	666	310	412	317		
	F	486	469	306	282	307	290	459	3,821	1,040	494	437	346	725	380	412	336		
	T	1,003	943	639	575	664	623	954	7,255	1,982	921	839	679	1,391	690	824	653		
70 - 74	M	437	444	320	268	334	296	409	2,871	929	407	397	321	662	372	395	280		
	F	490	486	340	261	350	326	468	3,500	1,125	548	409	325	769	381	468	342		
	T	927	930	660	529	684	622	877	6,371	2,054	955	806	646	1,431	753	863	622		
75 & Over	M	777	824	547	429	513	572	783	4,302	1,614	720	699	522	1,384	632	825	530		
	F	1,203	1,263	739	611	767	796	1,184	7,802	2,598	1,094	1,010	720	1,975	923	1,121	740		
	T	1,980	2,087	1,286	1,040	1,280	1,368	1,967	12,104	4,212	1,814	1,709	1,242	3,359	1,555	1,946	1,270		
Total all ages	M	12,890	10,068	6,032	5,717	7,869	6,783	10,070	104,449	22,512	9,877	7,421	7,745	14,920	6,990	9,157	7,624		
	F	12,411	10,232	5,931	5,631	7,549	6,582	10,129	107,329	23,588	10,523	7,567	7,730	15,554	6,939	9,014	7,405		
	T	25,301	20,300	11,963	11,348	15,218	13,365	20,199	211,778	46,100	20,400	14,988	15,475	30,474	13,929	18,171	15,029		

Notes: 1) Population as at June 30, 1998.

2) Band members are placed in the district as indicated by their mailing address.

Table 27
(Continued)

District																			
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	Kee-watin-Yathe	Athabasca	Total
Assin-boine Valley	Central Plains	Saskatoon	Green-head	Pasquia	North Central	Gabriel Springs	North-east	Prince Albert	Park-land	Battle-fords	Twin Rivers	Lloyd-minster	North-west	Mama-wetan					
81	85	1,562	89	93	89	62	86	384	102	184	119	94	150	230	108	22	6,151		
64	107	1,455	102	90	68	56	90	354	132	206	121	105	140	239	117	25	6,061		
145	192	3,017	191	183	157	118	176	738	234	390	240	199	290	469	225	47	12,212		
348	473	6,910	387	401	349	371	390	1,747	560	844	510	475	576	1,029	562	120	28,643		
322	444	8,603	384	426	343	363	392	1,724	560	786	540	389	579	1,038	504	120	27,470		
670	917	13,513	751	827	692	734	782	3,471	1,120	1,630	1,050	844	1,155	2,067	1,066	240	56,113		
516	727	9,304	594	561	412	510	2,495	838	1,109	830	549	809	1,370	729	157	40,423			
484	682	8,778	605	559	420	469	597	2,275	841	1,084	766	497	736	1,309	676	153	38,358		
1,000	1,409	18,082	1,199	1,120	832	979	1,225	4,770	1,679	2,193	1,596	1,046	1,545	2,679	1,405	310	78,781		
549	833	8,973	661	704	454	559	700	2,318	911	1,239	823	494	743	1,169	644	162	41,511		
566	765	8,558	641	609	462	499	637	2,180	866	1,092	860	457	728	1,116	614	164	39,469		
1,115	1,598	17,531	1,302	1,313	916	1,058	1,337	4,498	1,777	2,331	1,683	951	1,471	2,285	1,258	326	80,980		
614	874	8,457	718	760	483	527	674	2,328	986	1,234	835	480	597	1,011	495	120	41,474		
583	801	8,364	674	673	470	491	584	2,168	925	1,182	744	452	627	880	454	125	39,252		
1,197	1,675	16,821	1,392	1,433	953	1,018	1,258	4,496	1,911	2,416	1,579	932	1,224	1,891	949	245	80,726		
527	727	8,878	578	641	508	424	525	1,998	697	961	642	566	570	825	423	105	37,484		
416	620	9,139	465	534	429	350	512	1,990	616	964	550	569	528	820	409	93	35,604		
943	1,347	18,017	1,043	1,175	937	774	1,037	3,988	1,313	1,925	1,192	1,135	1,098	1,645	832	198	73,088		
451	554	8,807	409	496	358	317	486	1,833	612	870	497	524	489	851	461	112	33,527		
354	470	8,969	374	404	340	346	383	1,837	533	877	486	460	480	796	461	114	32,471		
805	1,024	17,776	783	900	698	663	869	3,670	1,145	1,747	983	984	969	1,647	922	226	65,998		
460	615	9,225	488	445	385	343	490	1,868	657	849	560	451	503	758	459	98	35,501		
435	600	9,273	472	469	395	365	474	1,955	577	868	547	486	572	738	437	99	35,561		
895	1,215	18,498	960	914	780	708	964	3,823	1,234	1,717	1,107	937	1,075	1,496	896	197	71,062		
523	752	10,487	614	586	403	451	548	2,124	723	1,008	614	535	556	730	415	74	41,301		
488	704	10,619	582	541	418	443	507	2,269	703	1,055	640	500	533	721	370	84	41,250		
1,011	1,456	21,106	1,196	1,127	821	894	1,055	4,393	1,426	2,063	1,254	1,035	1,089	1,451	785	158	82,551		
553	745	9,818	621	626	454	423	549	2,058	736	969	610	442	525	644	316	58	40,423		
480	714	9,820	552	623	419	408	540	2,075	660	1,005	587	386	517	604	254	45	39,280		
1,033	1,459	19,638	1,173	1,249	873	831	1,089	4,133	1,396	1,974	1,197	828	1,042	1,248	570	103	79,703		
543	698	7,862	513	593	416	349	500	1,775	666	896	545	298	436	531	242	34	33,629		
508	589	7,876	441	526	396	301	473	1,712	647	866	481	254	359	427	217	37	32,150		
1,051	1,287	15,738	954	1,119	812	650	973	3,487	1,313	1,762	1,026	552	795	958	459	71	65,779		
453	542	6,083	397	530	370	307	402	1,544	569	687	401	235	357	412	203	33	27,148		
425	550	5,924	357	543	314	272	397	1,461	545	616	363	208	315	334	159	41	26,214		
878	1,092	12,007	754	1,073	684	579	799	3,005	1,114	1,303	764	443	672	746	362	74	53,362		
448	514	4,572	307	530	300	239	376	1,241	484	539	369	148	282	272	163	29	21,580		
457	489	4,701	315	469	259	245	382	1,183	454	581	327	144	287	253	140	25	21,707		
905	1,003	9,273	622	999	559	484	758	2,424	938	1,120	696	292	569	525	303	54	43,287		
435	506	3,790	340	435	223	238	364	1,056	472	551	288	136	254	217	131	21	19,466		
443	513	4,144	334	408	280	244	309	1,071	409	594	275	127	179	183	91	16	19,994		
878	1,019	7,934	674	843	483	482	673	2,127	881	1,145	563	263	433	400	222	37	39,480		
482	557	3,486	370	463	259	228	314	981	496	495	286	117	212	180	101	31	19,103		
436	532	3,881	361	428	311	264	354	1,017	469	518	248	104	205	152	91	16	19,977		
918	1,089	7,367	731	891	570	492	668	1,998	965	1,013	534	221	417	332	192	47	39,080		
497	511	2,860	309	401	255	238	301	823	413	416	242	79	153	112	67	10	16,829		
534	530	3,680	324	416	289	264	363	955	373	526	235	85	165	121	63	10	19,521		
1,031	1,041	6,540	633	817	544	502	664	1,778	786	942	477	164	318	233	130	20	36,350		
954	938	4,614	539	756	514	425	607	1,321	679	884	438	145	263	134	93	13	28,990		
1,285	1,319	8,005	734	909	726	598	747	1,981	857	1,211	607	225	381	176	88	16	44,411		
2,239	2,257	12,619	1,273	1,665	1,240	1,023	1,354	3,302	1,536	2,095	1,045	370	644	310	181	29	73,401		
8,434	10,651	115,688	7,934	9,021	6,212	6,011	7,940	27,894	10,601	13,735	8,609	5,768	7,475	10,475	5,612	1,199	513,183		
8,280	10,429	119,789	7,697	8,627	6,319	5,978	7,741	28,207	10,167	14,031	8,377	5,428	7,331	9,907	5,145	1,183	518,750		
16,714	21,080	235,477	15,631	17,648	12,531	11,989	15,681	56,101	20,768	27,766	16,986	11,196	14,806	20,382	10,757	2,382	1,031,933		

Table 28**Per Cent of General Practitioner Payments
by Patient District by Physician District**

Patient District	Physician District																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
	South- east	South Central	South Country	Rolling Hills	South- west	Moun- tain	Pipe- stone	Regina	Moose Jaw/	Thunder Creek	Swift Current	North Valley	Qu'Ap- pelle	East Central	Living Sky	Mid- west	Prairie West
1 Southeast	84.5	3.1	0.0	0.0	0.0	2.2	0.3	6.4	0.3	0.1	0.1	0.1	0.1	0.2	0.0	0.0	0.0
2 South Central	1.9	80.1	2.0	0.0	0.1	0.3	0.1	10.7	1.3	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
3 South Country	0.1	1.0	71.2	1.1	0.1	0.1	0.0	5.4	14.6	2.4	0.1	0.1	0.1	0.1	0.0	0.1	0.1
4 Rolling Hills	0.1	0.1	3.2	44.7	5.4	0.0	0.1	2.4	1.8	38.7	0.0	0.0	0.0	0.0	0.0	0.1	0.3
5 Southwest	0.0	0.1	0.2	0.5	75.0	0.0	0.0	1.2	0.4	7.5	0.0	0.0	0.1	0.0	0.1	0.1	0.3
6 Moose Mountain	4.8	1.2	0.0	0.0	0.1	72.0	9.1	6.9	0.3	0.1	0.2	0.1	2.0	0.1	0.0	0.0	0.0
7 Pipestone	0.3	0.1	0.0	0.1	0.0	2.8	73.0	15.6	0.4	0.1	1.7	0.8	1.9	0.1	0.0	0.0	0.0
8 Regina	0.2	0.2	0.0	0.0	0.0	0.2	0.5	92.4	0.5	0.1	0.1	1.2	0.2	0.4	0.0	0.0	0.0
9 MJ/Thunder Creek	0.1	0.1	0.4	0.1	0.0	0.0	0.1	6.5	87.9	0.4	0.0	0.1	0.1	0.0	0.3	0.1	0.1
10 Swift Current	0.1	0.0	0.1	3.7	0.3	0.0	0.1	1.7	0.4	88.5	0.0	0.0	0.1	0.0	0.1	0.1	0.1
11 North Valley	0.1	0.1	0.0	0.0	0.0	0.1	1.4	4.7	0.2	0.0	71.1	5.4	13.2	0.1	0.0	0.0	0.0
12 Touchwood/Qu'App	0.1	0.1	0.0	0.0	0.1	0.2	1.5	20.2	0.4	0.1	1.5	64.3	1.4	4.5	0.0	0.0	0.0
13 East Central	0.1	0.0	0.0	0.0	0.0	0.1	0.3	3.6	0.2	0.1	3.6	0.3	82.0	0.7	0.0	0.0	0.0
14 Living Sky	0.1	0.1	0.0	0.0	0.1	0.0	0.0	9.8	0.2	0.0	0.1	2.1	0.9	70.3	0.1	0.1	0.1
15 Midwest	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.6	3.4	3.5	0.0	0.0	0.0	0.2	73.4	1.1	1.1
16 Prairie West	0.1	0.0	0.0	0.0	3.9	0.0	0.0	0.3	0.2	0.9	0.0	0.1	0.0	0.0	2.3	76.1	0.0
17 Assiniboine Valley	0.1	0.0	0.0	0.0	0.0	0.0	0.1	3.2	0.2	0.0	0.2	0.1	11.7	0.1	0.0	0.2	0.0
18 Central Plains	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.2	0.0	0.0	0.1	0.8	2.9	0.0	0.0	0.0
19 Saskatoon	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.2	0.1	0.0	0.2	0.1	0.1	0.2	0.1	0.1
20 Greenhead	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.1	1.1	1.6	0.0
21 Pasquia	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.9	0.1	0.0	0.0	0.1	0.9	0.1	0.0	0.0	0.0
22 North Central	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0
23 Gabriel Springs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
24 Northeast	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
25 Prince Albert	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
26 Parkland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0
27 The Battlefords	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1
28 Twin Rivers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
29 Lloydminster	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.0
30 Northwest	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1
31 Mamawetan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0
32 Keewatin Yathe	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.7	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0
33 Athabasca	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.1	0.9	0.1	1.2	0.0	0.0	0.0	0.0
Emergency On-Call Coverage	3.5	3.4	2.6	1.9	4.5	3.0	5.1	0.1	2.9	2.1	4.7	3.4	2.8	3.1	4.4	3.3	
All Districts	2.8	1.9	1.1	0.7	1.5	1.4	2.2	18.3	4.7	2.7	1.5	1.5	3.1	1.3	1.6	1.3	

Notes: 1) Use by residents of Northern Saskatchewan does not include services provided by physicians under contract with the University of Saskatchewan, Northern Medical Services.

2) This data is not adjusted for any demographic differences between districts.

3) Band members are placed in the district as indicated by their mailing address.

Table 28
(Continued)

Physician District																				
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	Kee-	Out of	Total	
Assin-	boine	Central	Sask-	Green-	Pas-	North	Gabriel	North-	Prince	Park-	Battle-	Twin	Lloyd-	North-	Mama-	watin	Atha-	Prov-	%	
Valley	Plains	atoon	head	quia	Central	Springs		east	Albert	land	fords	Rivers	minster	west	tan	Yathe	basca	ince		
0.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.8	100.0	
0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	100.0	
0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	100.0	
0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	100.0	
0.0	0.0	1.6	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1.8	100.0	
0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.2	100.0	
0.2	0.0	1.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	100.0	
0.3	0.1	0.8	0.0	0.1	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	100.0	
0.1	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	100.0	
0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	100.0	
0.2	0.1	1.4	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	100.0	
0.2	0.3	2.2	0.1	0.1	0.1	0.0	0.1	0.4	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	100.0	
3.1	0.3	2.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1.6	100.0	
0.2	5.3	8.3	0.0	0.2	0.0	0.1	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	100.0	
0.0	0.2	14.4	0.5	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	4.1	100.0	
0.0	0.1	6.7	2.5	0.1	0.0	0.0	0.0	0.3	0.0	1.7	0.1	0.2	0.1	0.0	0.0	0.0	0.0	2.9	100.0	
76.9	0.3	2.6	0.0	0.7	0.1	0.1	0.0	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3	100.0	
0.5	75.4	9.7	0.0	1.6	2.2	2.4	0.1	1.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	100.0	
0.2	0.3	91.8	0.1	0.2	0.1	0.4	0.1	1.0	0.4	0.6	0.2	0.1	0.2	0.1	0.0	0.0	0.0	9.9	100.0	
0.0	0.0	10.0	68.5	0.1	0.1	0.0	0.0	0.1	0.0	6.9	0.4	0.5	0.1	0.0	0.0	0.0	0.0	1.7	100.0	
1.3	2.6	4.7	0.0	81.0	3.1	0.1	1.3	1.5	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.3	100.0	
0.0	1.8	3.9	0.1	6.3	70.6	0.4	0.6	13.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1.6	100.0	
0.1	1.6	23.5	0.2	0.1	0.4	57.7	0.1	12.8	0.2	0.7	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.6	100.0	
0.0	0.0	4.4	0.0	3.0	1.5	0.0	79.9	8.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.4	100.0	
0.0	0.1	3.0	0.0	0.1	1.8	0.9	0.5	88.8	1.4	0.3	0.1	0.1	0.2	0.3	0.0	0.0	0.0	1.9	100.0	
0.1	0.0	9.2	0.1	0.1	0.1	0.5	0.1	20.7	58.3	7.0	0.3	0.3	0.6	0.1	0.0	0.0	0.0	2.4	100.0	
0.0	0.0	4.6	1.3	0.0	0.0	0.1	0.0	0.5	1.0	86.4	1.5	0.5	0.6	0.0	0.0	0.0	0.0	11.6	100.0	
0.0	0.0	3.4	1.1	0.0	0.1	0.1	0.0	0.3	0.4	13.8	51.7	15.8	0.9	0.0	0.0	0.0	0.0	37.3	100.0	
0.0	0.1	1.5	0.2	0.0	0.1	0.0	0.1	0.2	0.1	4.5	3.0	51.6	0.5	0.0	0.0	0.0	0.0	7.9	100.0	
0.1	0.1	4.3	0.1	0.0	0.0	0.0	0.0	1.2	0.5	3.9	0.9	0.6	79.2	0.1	0.1	0.0	0.0	23.6	100.0	
0.0	0.1	4.3	0.0	0.1	0.1	0.1	0.2	24.2	0.2	0.3	0.0	0.1	0.1	45.4	0.1	0.0	0.0	3.5	100.0	
0.0	0.0	7.2	0.1	0.1	0.0	0.0	0.1	4.3	0.5	1.5	0.1	0.2	33.9	0.6	46.7	0.0	0.0	6.5	100.0	
0.0	0.1	14.8	0.4	0.9	0.0	1.0	0.3	64.2	0.0	1.3	0.0	0.1	0.6	6.1	0.1	0.0	0.0	0.0	100.0	
4.0	3.2	0.0	4.1	5.5	1.9	2.4	3.2	2.9	5.3	2.4	2.5	2.0	3.0	2.5	3.3	1.0	0.0	0.0	100.0	
2.0	1.9	20.1	1.3	1.9	1.3	0.9	1.5	7.7	1.7	3.7	1.2	1.0	1.8	0.9	0.5	0.0	3.2	100.0		

Table 29**Estimated Per Capita Physician Payments and Services Made on Behalf of District Residents (In- and Out-of-Province)**

District	General Practitioners			Specialists			All Physicians		
	Payments		Per Cent	Payments		Per Cent	Payments		Per Cent
	(\$)	Services	Treated (%)	(\$)	Services	Treated (%)	(\$)	Services	Treated (%)
1 Southeast	153.02	8.36	85.6	92.88	1.97	30.0	245.89	10.34	86.4
2 South Central	134.29	7.52	84.2	104.78	2.31	33.3	239.07	9.82	85.3
3 South Country	143.80	7.48	84.4	109.07	2.35	32.7	252.87	9.83	85.4
4 Rolling Hills	136.29	7.18	81.0	106.77	2.72	36.2	243.05	9.90	84.0
5 Southwest	142.03	7.29	84.1	112.46	2.88	38.4	254.49	10.18	85.9
6 Moose Mountain	160.25	8.68	87.1	111.68	2.57	36.0	271.93	11.25	88.1
7 Pipestone	163.99	8.96	88.5	119.65	2.76	37.1	283.64	11.72	89.8
8 Regina	114.27	6.18	85.0	141.81	3.55	47.1	256.08	9.73	86.7
9 Moose Jaw/Thunder Creek	142.35	7.56	86.4	112.44	2.65	39.4	254.78	10.20	87.6
10 Swift Current	148.08	8.78	82.5	115.86	3.04	39.9	263.94	11.82	87.0
11 North Valley	141.65	7.51	84.4	109.08	2.62	35.1	250.72	10.14	85.8
12 Touchwood/Qu'Appelle	156.36	8.38	89.4	121.66	2.89	38.3	278.02	11.28	90.5
13 East Central	129.70	6.67	79.3	118.02	3.54	42.0	247.73	10.20	84.7
14 Living Sky	132.12	6.91	83.9	130.40	3.16	40.5	262.52	10.07	85.4
15 Midwest	133.38	7.39	82.3	134.49	3.24	39.8	267.87	10.63	84.2
16 Prairie West	130.58	6.78	82.8	120.12	2.77	36.3	250.69	9.56	84.1
17 Assiniboine Valley	180.43	9.69	84.9	112.58	2.73	34.7	293.01	12.43	86.0
18 Central Plains	131.75	7.25	83.4	120.57	2.84	38.0	252.32	10.10	84.8
19 Saskatoon	112.35	6.13	85.1	162.14	4.54	51.6	274.49	10.67	87.6
20 Greenhead	135.13	7.10	82.5	114.50	2.79	36.6	249.63	9.89	84.0
21 Pasquia	143.74	7.93	83.1	97.59	2.28	29.6	241.33	10.21	84.0
22 North Central	153.25	8.24	83.4	102.00	2.62	35.4	255.25	10.87	84.5
23 Gabriel Springs	121.51	7.16	83.5	117.23	2.84	37.0	238.73	10.01	85.2
24 Northeast	145.86	7.92	84.1	113.26	2.48	33.7	259.12	10.40	85.5
25 Prince Albert	164.34	9.22	88.5	107.57	2.81	42.0	271.91	12.03	89.8
26 Parkland	152.23	8.24	85.3	107.20	2.70	34.5	259.43	10.94	86.4
27 The Battlefords	164.16	8.26	86.9	82.22	2.14	27.8	246.39	10.40	87.9
28 Twin Rivers	155.63	7.73	84.7	95.52	3.00	34.1	251.15	10.73	86.0
29 Lloydminster	138.04	6.22	83.4	118.86	5.13	49.7	256.90	11.35	85.8
30 Northwest	150.29	6.97	83.2	72.43	1.60	24.0	222.72	8.58	84.1
31 Mamawetan Churchill River	108.67	5.55	77.5	68.72	1.65	25.8	177.39	7.20	78.9
32 Keewatin Yathe	109.08	5.27	63.4	78.74	1.80	26.8	187.81	7.07	69.5
33 Athabasca	49.80	2.25	37.6	87.84	2.07	29.9	137.64	4.31	49.7
All Districts	136.75	7.05	83.5	126.95	3.28	41.6	263.70	10.34	85.3

Notes: 1) Use by residents of Northern Saskatchewan does not include services provided by physicians under contract with the University of Saskatchewan, Northern Medical Services.

2) This data is not adjusted for any demographic differences between districts.

3) Band members are placed in the district as indicated by their mailing address.

Table 30

General Practitioners in Relation to Population, Earnings and Practice Size

District	Number of Registered General Practitioners*	Number of Active General Practitioners'	Population Per Active General Practitioner	Average Payment Per Active Practitioner"	Average Number of Patients Per Active Practitioner^	Average Patient Contacts Per Active Practitioner^
1 Southeast	16	15	1,687	\$247,282	2,954	9,331
2 South Central	16	13	1,562	181,458	2,229	6,924
3 South Country	8	6	1,994	260,840	2,665	10,602
4 Rolling Hills	5	4	2,837	225,860	2,020	9,526
5 Southwest	10	9	1,691	214,446	1,863	8,242
6 Moose Mountain	6	6	2,228	322,934	2,531	13,297
7 Pipestone	13	13	1,554	248,656	2,900	10,311
8 Regina	231	156	1,358	154,519	2,886	6,408
9 Moose Jaw/Thunder Creek	44	33	1,397	196,599	2,942	7,734
10 Swift Current	16	11	1,855	329,061	3,576	11,222
11 North Valley	9	8	1,874	256,421	2,833	10,038
12 Touchwood/Qu'Appelle	8	6	2,579	349,841	3,083	14,291
13 East Central	25	19	1,604	210,457	2,304	7,225
14 Living Sky	9	9	1,548	182,121	1,814	7,267
15 Midwest	10	10	1,817	220,440	1,995	8,030
16 Prairie West	7	8	1,879	215,285	2,308	7,952
17 Assiniboine Valley	14	11	1,519	232,151	2,094	9,512
18 Central Plains	15	12	1,757	211,776	2,536	7,970
19 Saskatoon	251	190	1,239	143,289	2,672	5,752
20 Greenhead	11	8	1,954	233,352	2,320	9,029
21 Pasquia	11	12	1,471	228,015	2,418	8,324
22 North Central	12	7	1,790	254,840	2,856	9,324
23 Gabriel Springs	6	6	1,998	206,198	2,341	7,471
24 Northeast	14	11	1,426	176,770	2,208	6,512
25 Prince Albert	63	51	1,100	200,344	2,910	7,080
26 Parkland	24	10	2,077	232,739	2,565	8,749
27 The Battlefords	35	22	1,262	236,258	2,494	7,699
28 Twin Rivers	4	5	3,397	309,103	3,340	12,844
29 Lloydminster	28	12	933	113,957	1,584	4,158
30 Northwest	10	11	1,346	226,453	3,058	7,375
31 Mamatwan Churchill River	13	9	2,265	126,741	2,419	4,966
32 Keewatin Yathe	6	4	2,689	180,404	1,718	5,344
33 Athabasca	2	0	--	--	--	--
All Districts	907	707	1,460	\$184,528	2,670	7,124

* Resident physicians shown as being in practice on the Medical Services Plan Practitioner Register on the last day of the year. Physicians may be counted in more than one district but the provincial total is a discrete count.

^ Practitioners receiving \$40,000 or more in MSP payments during the year and practising in Saskatchewan under MSP coverage at the end of the year.

" Average payments may reflect an upward bias as a result of physicians sponsoring locums.

^ The size of practice is the number of different persons on whose behalf a claim was paid during the year.

— A patient contact represents each time a practitioner saw a patient professionally regardless of the number of services provided at the time. The limit is one contact per patient, same doctor, same date of service. X-ray, ultrasound and laboratory services, and any professional interpretations of procedures are not considered to be patient contacts.

